

2. Maples is really interested in having the Mac presented in a positive light at the conference (as are we all I think). Can we see a copy of the agenda. I don't think this warrants specific Mac sessions or anything as detailed as that, just some extension of what we discussed today regarding as proposed time frame for implementation. Maples was interested in distributing some sort of document that would "commit" us to doing this on the Mac. Do either of you have an opinion on that? If we can't produce something that is solid in this short time frame, I am in favor of not distributing anything. Random info is clearly not what we need floating around at this point. Please advise on this issue.

Thanks,

Lisa

From gregw Fri Nov 30 10:59:44 1990

To: anthony's darrylr

Cc: cameronm tonyw

Subject: Re: OLE

Date: Wed Apr 29 16:48:08 PDT 1992

Date: Fri Nov 30 11:42:20 1990

I will talk with Tony again. The bottomline was that we were not completely convinced that the API changes would be sufficient and would not require changes later after the initial release of the libraries. Therefore, we did not change the existing APIs. If TonyW did not let PhilipL know when we made the decision to stay with the existing APIs', then we screwed up.

I am willing to jerk the ISVs around if we can convince ourselves that the link management design will be effective. We do not have much time. I would like to do it before the end of the year. We don't have time to think about it until after the 12/10 because of the ISV workshop.

>From anthony's Fri Nov 30 10:28:40 1990

To: darrylr gregw

Cc: cameronm

Subject: OLE

Date: Fri Nov 30 10:27:57 pdt 1990

As you probably know PhilipL in my group worked with Tony a while back to come up with some modifications to the OLE spec so that in future windows releases (3.2 or 4.0) we can automatically provide system tracking of links for these apps without the app changing.

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| Now I hear that we're going to be distributing the original OLE spec and code examples to ISVs without these changes. I am worried that this and the clock ticking on the Win 3.1 schedule will make it much harder to get the changes into Win 3.1.

| Please tell me appa is still committed to making the changes we agreed, and ISVs will be revisited and made to update. This may be some short term pain but I think the long term benefit is considerable if we think Win 3.1 OLE is going to be widely used.

From darrylr Fri Nov 30 12:10:46 1990
To: anthony gregw
Cc: cameronm tonyw
Subject: Re: OLE
Date: Wed Apr 29 16:48:15 PDT 1992

Date: Fri Nov 30 12:07:16 PDT 1990

I think this api issue wrt link tracking is very major. We need to get on top of this asap...if we think we may be changing the ole api's for link tracking then we need to call the current api's preliminary at the isv seminar. I would like to see a copy of the link tracking api proposal that was made...I need that today since I leave on my trip sunday. We need a solid decision about whether that proposal is good or bad.

From arts Sun Dec 2 11:42:48 1990
To: mikemap
Cc: alistair cameronm darrylr edwardj gregw tonyw w-connib
Subject: Re: OLE and Apple
Date: Wed Apr 29 16:48:15 PDT 1992

Date: Sun, 2 Dec 90 11:39:47 PST
Where: Art Schumer, Sr. Program Mgr, EBU Applications 6/2045, #68664

This is the positioning we are giving OLE. The problem is that Apple doesn't believe it to be a complementary architecture. That is where they are having a problem. I go down again this week to try and sell them further on it. EdwardJ and I are meeting Monday to come up with a more clearcut description of OLE vs P&S.

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| Randy Batat, VP from Apple called. He wanted to encourage us to keep the Apple / MS debate about OLE low key and not allow it to become a public debate. I agreed with him.

| The positioning should be that the extensions that we are implementing are in addition to not in lieu of S/7. In fact we use standard S/7

capabilities (apple events) when we run on a Mac. The capabilities extend S/7 capabilities, much in the same way that Claris extended the MAC capabilities with EXTN and made it generally available to the industry.

--
- Art

From kevine Mon Dec 3 12:58:03 1990

To: suzettes

Cc: cameronm viktorg

Subject: An Additional Lists

Date: Wed Apr 29 16:48:23 PDT 1992

Date: Mon Dec 03 12:55:56 PDT 1990

Could you please start call downs on the list below?
I tried to send fax invites to all of them on Friday.

Kevin

Company	Name	Phone
3M	Jeff Casbeer	9,1-612-736-3972
Aetna	Ernie Bilodeau	9,1-203-275-2621
AIT Consulting	Michael I. Hyman	9,1-609-727-5301
American Airlines	Terrel B. Jones	9,1-817-963-3365
American Express	Robert Wilmes	9,1-602-492-5774
Amoco	John Chapman	9,1-312-856-5468
Anderson Consulting	James Carluccio	9,1-201-403-6680
Arthur Anderson	L. Jack Dreiss	9,1-312-580-0069
Baxter	David Koptik	9,1-708-578-2662
baysoft	Charles Frankston	9,1-617-494-0321
Bio-Rad	Will Stubblebine	9,1-415-232-7000
Boeing	Edward Connel	9,865-3617
Business Computer	William E. Weinman	9,1-213-837-1028
Chevron	Manuel Boudreaux	9,1-713-230-2640
Copper Software	Alan Cooper	9,1-415-326-4567
Coromandel Industries	T.N. Doraiswamy	9,1-718-997-0699
Desktop Data, Inc.	Hsi-ping Lung	9,1-617-890-0042
Digital Composition	Paul D. Coppinger	9,1-602-870-7667
Eastman Kodak	Dennis Caeri	9,1-716-253-7138
Exxon	Richard T. Johnson	9,1-201-765-7340
Fidelity	David Beach	9,1-214-508-6500
First Boston	Khurshed F. Birdie	9,1-212-322-7237
Ford	N.E. Patterson	9,1-216-282-0730
Franz Inc.	Hanoch Eiron	9,1-415-548-3600
Frecom	John C. Houghton	9,1-415-438-5016
Gnesis Software	Martin A. Weinberger	9,1-213-399-7415

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WordPerfect is a registered trademark of WordPerfect Corporation.

- more -

From w-erin Fri Dec 7 17:19:17 1990

To: bradsi cameronm darrylr mikemap paulma russw scotto steved stevewe
viktorg

Cc: msftpr w-erin

Subject: OLE Q&A

Date: Wed Apr 29 16:49:30 PDT 1992

Date: Fri Dec 7 17:10:49 1990

Rude Q&A
OLE

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Q. We heard about OLE from the Microsoft applications

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lynnra

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group, so isn't this just something that relates to Microsoft applications?

A. No. While the Microsoft applications group was heavily involved in the formation of object linking and embedding, OLE is an open specification that was developed in cooperation with other leading ISVs. OLE is applicable to any graphical application that can create or display information. The Microsoft Systems Division is evangelizing OLE to benefit Windows, OS/2 and Macintosh System 7 applications developers.

Q. Microsoft applications got OLE first; isn't this just another example of the special advantage Microsoft applications has over third-party developers?

A. No. This technology was initiated by the Microsoft Applications Group, but several other major ISVs provided input and contributions to the OLE specification (including, Aldus, WordPerfect, Lotus Micrografx.) We are actively encouraging as many ISVs as possible to support OLE and are holding a technical seminar this month to explain OLE implementation.

Q. Will all Microsoft Windows applications support OLE?

Yes. We will put OLE in all our applications. We expect other vendors to do the same. For example, you'll see OLE technology in a future version of Microsoft Excel.

Q. How does OLE relate to the applications integration work announced by WordPerfect/Lotus last Comdex? Does OLE supersede this?

A. Both WordPerfect and Lotus contributed to the OLE specification and both will support OLE in their applications.

Q. Isn't OLE the NewWave killer?

A. No.

Q. Hasn't Microsoft just stolen the ideas from NewWave and made it their own?

A. Compound document and object-oriented approaches to applications are not particularly new nor are they the province of a single company. NewWave attempts to solve many of the same problems. We have chosen a different

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implementation because we think our customers are better served by an evolutionary approach which maintains compatibility.

Q. So this is just another example of big bad bully Microsoft taking HP's ideas and making them their own?

A. No. Both Microsoft and HP, like other industry players, have drawn from the same body of published research and predecessor products. Microsoft is doing this with protocols open to any vendor.

Q. Will HP support OLE in NewWave?

A. Ask HP.

Q. Who worked with Microsoft on the specification?

A. Lotus, Aldus, WordPerfect Micrografx.

Q. Will OLE be part of Windows 3.0?

A. OLE is not tied to a specific version of Windows. It will work with the current version of Windows 3.0. We are supplying a library that ISVs can use to support Windows.

Q. What does an ISV have to do to support OLE?

A. We are providing a high-level OLE library that makes supporting OLE in an application very easy for developers by simply making API calls to these libraries.

Q. Will OLE be supported in DOS 5.0?

A. No. OLE is a GUI technology.

Q. Can you embed and link DOS applications?

A. No. OLE is intended for graphical applications, since graphics are needed for presenting and manipulating compound information in a meaningful way.

Q. Will OLE only work in Windows with Windows applications?

A. We will support OLE on Windows, OS/2 and the Mac System 7.0.

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Q. Will Microsoft and IBM support OLE in Presentation Manager?

A. Yes. OLE will be supported on OS/2 Presentation Manager.

Q. Will IBM support OLE in Office Vision?

A. Ask IBM.

Q. Mike Maples said that Microsoft would extend OLE to the Mac System 7. Isn't this encroaching on Apple's control of their operating system?

A. Our implementation of OLE for the Mac relies on Standard System 7 services. OLE is complementary to the functionality in System 7.

Q. Apple has not seemed very enthusiastic about OLE support for System 7. Hasn't Apple already provided these services in System 7?

A. The extensions we are implementing are in addition to, not in lieu of, System 7. In fact we use standard System 7 capabilities (Apple events) when we run on a Mac. The capabilities extend System 7 capabilities, much the same way that Claris extended the Mac capabilities with EXTN and made it generally available to the industry.

Q. How many third-party software developers will support OLE?

A. We expect very widespread support from many ISVs. At this point: Aldus, Borland, Corel, Lotus, Micrografx, and WordPerfect will all support OLE. We are holding our first developers conference on Dec. 10 and expect a substantial number of ISVs to attend.

Q. When can we expect to see applications that support OLE?

A. We expect many applications from Microsoft and third-party ISVs that support OLE to arrive in 1991. (Microsoft PowerPoint supports OE now, not OLE. A future version of Excel will support OLE).

Q. Will users have to update their current Windows applications to be able to take advantage of OLE?

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- A. Yes, but they will not have to upgrade their operating system. OLE requires a small amount of extra programming support in an application, so ISVs will have to release new versions that support the OLE feature.

From susana Sun Dec 9 08:29:47 1990
To: jeffhe
Cc: cameronm cynb jayd kevina susana
Subject: Hyatt gig
Date: Wed Apr 29 16:49:58 PDT 1992

Date: Sun Dec 9 08:26:42 1990

>From jeffhe Fri Dec 7 12:13:14 1990
To: susana
Subject: Hyatt gig
Cc: jayd jeffhe
Date: Fri Dec 7 12:11:25 1990

Susan,

I can take care of the video taping of the event at the Hyatt this monday for about \$3,700. I have the people and the gear on standby. Let me know if you want to do it.

Jeff

This \$\$ includes 2 people
2 recorders
1 switcher
misc. extra equipment.

Jeff is providing cameras and video stock.

He was not able to help us, because when he first agreed to the job, briansl was still on board..since then Brian has transferred to another dept in MS..so MS-AV is VERY understaffed. That's why the outside people had to be hired.

Jeff also mentioned his price includes a 10% contingency, so most likely won't be as high as estimated.

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OLE enables applications to work closely together, even if these applications have been developed by different vendors, employing different data formats, and OLE allows the user to look at information in the context of a single document without needing to manually switch from application to application. The process of deciding what application code to run and how to do that is hidden from the user and fully automated.

How Applications Developers Integrate Linking and Embedding

To take advantage of object linking and embedding technology, applications must be graphical applications written for Microsoft Windows, OS/2 Presentation Manager or Apple Macintosh System 7.0, and must incorporate the OLE specification. At today's conference, application software developers were provided with the specification and a set of preliminary libraries for Windows 3.0. The preliminary materials will allow developers to begin work on applications incorporating OLE. The DLL subroutines are planned to become a standard part of the next Windows release, scheduled for mid-1991. OLE library support for Apple Macintosh System 7.0 and OS/2 Presentation Manager is also planned to be available in 1991.

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From w-maria Tue Dec 11 21:42:24 1990

WinMail 1.21

lynnra

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possible. Excel developers conference might be a good place to start with this.

From russw Wed Dec 12 08:25:35 1990
To: bradsi cameronm johnfi lewisl mikemap viktorg w-maria
Cc: darbyw hankv msftpr paulma peteh robg staveb w-maria
Subject: RE: OLE conference report
Date: Wed Apr 29 16:50:57 PDT 1992

Date: Wed Dec 12 08:24:19 PDT 1990

viktor, can u get back to the press re: wlo and ole (if the answer is it doesn't work we should discuss this first)
cam, this furthers the need for us to think about expanding the corp presence at these seminars.
marianne, it may be worth having a special meeting to track thru the best way to position ourselves aggressively vs. new wave without sounding like bad people. I don't feel we are doing this well right now.

>From w-maria Tue Dec 11 21:43:15 1990
To: bradsi cameronm johnfi lewisl mikemap russw viktorg
Cc: darbyw hankv msftpr peteh robg w-maria
Subject: OLE conference report

Date: Tue Dec 11 21:33:29 1990

Following are my thoughts on PR issues/implications resulting from the OLE seminar on December 10:

For the most part this seminar was a real positive for Microsoft. It was well attended and the audience was motivated and interested. There were some hard questions but the audience was engaged. One implication of both this and the amazing turnout at the multimedia seminar is that this is proof positive that virtually every ISV has completely accepted Windows as a platform and they are all very very hungry for data on how to develop better Windows applications. It is clear that Microsoft will continue to be challenged to get out information to developers fast enough to meet the demand.

Press attendance was kept limited and consisted essentially of three weekly reporters (Stuart Johnston of Infoworld,

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no matter what. Probably over exposure? Should we lay low for a while, and can we expect similar treatment from others?

From tonyw Mon Dec 17 19:08:29 1990
To: kathrynh viktorg w-clairl
Cc: cameronm darrylr msftpr russw
Subject: Re: PC Week article 12/17, pp 13
Date: Wed Apr 29 16:51:34 PDT 1992

Date: Mon Dec 17 19:05:41 1990

Sigh, sorry about the quote. It is something developers need to be aware of, but maybe I gave it too much emphasis.

We ought to point out somewhere that New Wave links are not managed across networks either (as far as I know). They track links on the local disk, and do some good things when sending linked files all together to another place, but I don't think they track remote links. I am not even sure they have remote links.

Tony

From w-clairl Fri Dec 21 17:07:00 1990
To: bradsi cameronm darrylr mikemap paulma russw steveb viktorg
Cc: msftpr patch richab w-clairl
Subject: OLE press tour report (LONG mail)
Date: Wed Apr 29 16:51:35 PDT 1992

Date: Fri Dec 21 16:58:38 1990

Darryl Rubin and I went on the road Dec. 2-6 to see the industry trade press, business press and industry analysts with the objective of educating them on object linking and embedding. It was a very valuable trip in several ways. We gained early and good visibility for OLE. It also afforded an opportunity to take the pulse of the editorial community.

Generally editors thought OLE was slick, easy to understand and of immediate benefit to users. Interestingly, editors more readily understood linking than embedding even though it is actually harder concept. Overall however view of OLE was positive.

The issues that commonly emerged were:

- o Separation of church and state. Apps drove this but its now in systems. What does this mean. It's a Chinese wall.
- o Limitations of OLE--networking support is not there, this is

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key.

- o NewWave was brought up but we had relatively fewer hard questions on this that I would have anticipated. (This contrasts with the ISV response at the OLE conference).

- o Great interest in object oriented file system and timeframe for this. Ditto for drag and drop capabilities.

- o Editors will take a "wait and see" attitude toward delivery of OLE applications.

- o Interest among the hard-core PC infrastructure was not as strong as could be expected. I think we will see lots of feet dragging/arm chair quarterbacking as Microsoft moves increasingly toward a new generation of technology. We have a large ongoing education process to do.

Also of note:

We were roundly taken to task by Zachmann, Tarter, Forrester Research, Strom regarding the feasibility of Microsoft really being able to deliver on our strategy. I believe the feeling is based on two factors:

1. Broad criticism of how MS has handled OS/2 and the IBM relationship. There is a view that Microsoft's total focus on Windows is opportunistic. Also there is the opinion that Microsoft has just not been honest, up-front or willing to admit to a change in strategy. (See notes below on Zachmann meeting). In a way, we are being criticized less for the Windows-centric strategy than for how we have handled the move to Windows. Peter Lewis from the New York Times said he has never noticed so much anti-Microsoft feeling. He was recently at Comdex and was amazed at all the people (primarily ISVs) that complained to him about Microsoft, the big bully.

2. View that Information at Your Fingertips is a Microsoft-centered strategy that does not address real user needs today and will benefit Microsoft most in the future. Our tour for OLE was good in that it showed that we are both moving to make IAYF possible and that the technology is open and will be available to the industry. However, we will have to work very hard to continue to prove that IAYF is an open vision that the industry can participate in.

Individual Meeting Notes:

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David Strom, Network Computing

This meeting was a last minute addition to the schedule. David had informed us that he is publishing an "open letter" to Bill Gates on the IAYF speech at Comdex, in which David takes Bill to task for not dealing with reality. The letter will run in the next edition. The two main points in the letter are that the mainframe is not going to be replaced by the microprocessor any time soon and that IAYF is nice but doesn't address the real connectivity needs of real companies. Darryl pointed out that IAYF was meant to be a vision of the future, and that of course Microsoft understands and is working on the problems of today. David expressed that IAYF did not dwell sufficiently on networking issues and that this is key in his mind to its success or failure. He also complained that the users scenarios in the speech were not very realistic. David was not very interested in discussing OLE as a technology and did not want a demo.

John Verity, Business Week

John was surprisingly interested in OLE and watched the demo carefully. He could only meet for a short while as he was covering the AT&T/NCR story (we experienced this with all the business press editors during the trip). John asked how OLE compared to New Wave, and what role Microsoft was playing in the object management group. Darryl explained that we weren't involved in this group but we stay informed about their activities. John asked about drag and drop functionality; Darryl said absolutely it is a goal and would be supported in future Windows versions.

Paul Carroll, Wall Street Journal

Paul was primarily interested in who, what, where. He wanted to know how long it would take to be good (he said, software always gets better in subsequent versions), who was supporting it, who was working on it. He asked if the ISVs had to do a lot of work to support it. Darryl explained that it is a relatively minor enhancement for applications developers. Our meeting was cut short so Paul could return to working on AT&T/NCR story.

Scott Leibs, Information Week

This was a good meeting with Scott. He is a senior feature writer for Information Week. The publication appreciates the attention from Microsoft. Darryl described OLE as a facility to create compound documents and outlined the differences

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between object linking and embedding. Scott asked how it would be supported and Darryl explained how it would be evangelized to ISVs. Scott asked if Microsoft gets a piece of the action; we said no, it is to be an open interface.

Scott then turned to OS/2. He asked us to explain what we tell corporate customers about moving to OS/2. Darryl explained that it is when the customer needs networking, the security, multitasking and protection afforded by OS/2. OS/2 is really optimal when server resources such as remote administration, need to be available on all workstations on the net. Darryl said this is possible under DOS/Windows but its more reliable with OS/2.

Scott asked if OLE conflicts with other types of object oriented approaches. Darryl explained that OLE is only one step on the long path toward an OO architecture. We are beginning to introduce object orientation incrementally to the user. Scott also asked how OLE fits into IAYF and what are the next things we will see. Darryl explained that we will implement drag and drop and eliminate the clipboard operation. Scott commented that the downside is that users won't know that they are "messing" with something they shouldn't. Darryl replied that this is essentially a design issue, that the system can provide a dialogue to notify users what they are doing.

Scott asked what the corporate buying trends for 1991 will be. Darryl responded: strong continuation of Windows momentum; an uptick of Windows applications, Lotus, WordPerfect and Borland will ship their Windows applications; shift will cause a new set of applications to be purchased.

Trudy Neuhaus, Charlie Petzold, Jim Gallagher, PC Magazine

As expected, the PC Mag folk asked detailed questions about how OLE operates and what its limitations are. Charlie said that the implementation in NewWave is kludgy and that adding object capabilities needs to happen in Windows itself (funny how this didn't come up at the Technical Excellence awards). Jim is the new head of the PC Magazine labs. He recently joined PC Magazine from Manufacture's Hannover where he was in charge of investigating new leading edge technologies. Jim commented that ultimately these changes to the operating environment will change how users view their work, that the world will no longer be applications centric. Darryl said that is exactly right. Jim wanted to know when we would see a distributed file system.

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Action: send Charlie the OLE specification.

Jonathan Yarmis, Steve Wendler, Michael Anderson, Gartner Group

Darryl went through the presentation and demo and fielded many questions from this group. The meeting took an ironic tone as per usual (so, this is just more goodness from Microsoft, right?). They were interested in understanding how OLE would be supported across the enterprise network, not just at the LAN level. Darryl noted that we will solve the link tracking problem to make OLE capable over the network. He indicated that the object oriented file system is coming, but that we could not be specific about when it would come. Yarmis wanted to understand how the Mac will play. Darryl noted that Apple will have to address the issue of reliable link management.

They asked how this will impact Saros, since they do a distributed file system. Darryl said that in some ways this will replace what Saros does today, but that the difference is that Saros is doing this now in a good way and by the time that MS has a true distributed file system solution, Saros will be able to be value added.

NewWave came up. Darryl said that the basic problem with NewWave is that it requires the user to import files into a "black box" environment, which is a lot of work. OLE is easy to move to, it is evolutionary.

Gartner was also interested in the relationship between systems and applications--how much of a role does applications play in defining the systems platform.

Action: send specification and handouts from OLE developers conference.

Paul Sherer, Susan Fisher, PC Week

Paul mostly focused on the hard news--when is this delivered, how will it be documented. He asked a lot about file manager improvements that will support OLE concepts. Darryl said that a good guess is that we will see file manager improvements in Windows 3.1. Darryl also covered how link tracking needs to be implemented for network support of OLE. Paul also asked for information on in place editing. Darryl explained that this is a future direction, that it will require work in the user interface. Paul asked about the role applications had in OLE and the implications. Darryl assured him its a good thing to get ideas from apps that are then included in the systems

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software.

Mary Conte Lafredo, Rich Villars, Dave Atlas, IDC

The IDC analysts basically wanted an complete overview. Dave is the email analyst for IDC. He had just been at Lotus, where they talked up OLE extensively. They stated that OLE is Hypercard like. They asked about relationship to OMG, and also how will be supported on OS/2 PM and the Mac. They were curious about how Apple would view this. We told them it is complimentary, not competitive.

Action: Send them the spec and background materials.

Paul Gillan, Pete Bartolich, Computerworld

Paul is the editor in chief. He came because he said he has not been very up to date on Microsoft lately. He basically is the only one at Computerworld that really cares about PC technology. Pete is the news editor but he doesn't understand our industry. The regular MS editor, Tish Keefe, was on vacation so we missed her. Paul asked about IBM, how this relates to IBM's investment in Metaphor. Darryl explained that IBM has always had many investments in new technologies and there is no conflict.

Action: Paul wants to plan a trip to Microsoft in early 1991. PR to follow up.

John Dodge, Joel Shore, Bob Falerta, CRN

John was working on a story on object oriented technology, so our visit was timely. He was very impressed with OLE, and said he would highlight it as one of the few real object oriented technologies really available now. He was interested in how OLE fits into our future plans, which Darryl explained. He mentioned that while other OO technologies, such as Metaphor's, require a complete overhaul, OLE and our approach is evolutionary. Darryl also said that there are lots of opportunities for software developers to innovate and be successful using the new technologies.

Bill Bluestein, John McCarthy, Mary Modall, Janet Hyland, Stuart Woodring, Forrester Research

This was a lively session. There was great interest in how OLE would work with various network protocols and general network support. Mary asked if we have talked to DEC about OLE. She compared OLE to ODA--Darryl said this solves a different

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problem. Forrester asked why we didn't just support NewWave. They also said in the future scenario with in place editing and the document as the metaphor, what is the "owning application." Darryl said it is the shell.

Will Zachmann

He was not interested in discussing OLE. He spent the time lambasting Microsoft for its failure to provide a clear systems strategy and for our lack of understanding of the importance of our IBM relationship. He said:

MS and IBM have to agree on a strategy and communicate it.

OS/2 is perceptually dead. This perception was started back in September with the Infoworld story, but that was backed up by the fact that the two companies were not talking to one another last year. The Fall Comdex 89 announcement was obviously cobbled together.

Microsoft should get behind OS/2 in a big way, even if it means backing PM for a while longer.

Zachmann said he understands the strategy to have Win on DOS and OS/2, and he thinks people will understand this.

Windows is not all its reputation leads one to believe. Will reads Compuserve mail, and people are having major problems with Windows, even going so far as to pull it off their systems.

The question is not what is on the desktop today but in 3-5 years. Unix is it for multisystem situations today, in his view. Will thinks who wins the desktop is up for grabs but that companies need secure, multi-tasking multi-threaded applications.

OS/2 has to be successful even if IBM does one interface and MS does another.

He predicts the Unix forces will consolidate around OSF Motif. That Sun will be left as the lone wolf. All the ISVs are doing Motif apps.

Microsoft has to remember what we said in 1987 about OS/2 and admit that we told the world something that is not true any longer.

Will is doing articles in PC Magazine about the above in

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January and February.

Action: PR to set up meeting with Zachmann and Ballmer prior to MS Strategy Seminar.

Jeff Tarter, SoftLetter

Jeff is incredibly anti-technology. He was completely skeptical about OLE. He is convinced that DOS is still it for the world. He calls DOS the ultimate open system. He thinks most people are worried about the problems of today, such as moving plain text documents onto email and so forth. He thinks the real problems are things like different imaging models, supporting a "hodgepodge" of hardware platforms, applications, islands of users. His view is that Bill's IAYF speech is all hypothetical and not real world. It is not realistic.

Action: We just need to keep meeting Jeff until one day he either "gets it," or he becomes so tied to "old world" technology that he is obsolete.

John Wilke, Wall Street Journal

This was a very brief meeting with John. He asked Darryl questions about his view of the NCR/ATT merger. He liked the demo and asked about Excel and if OLE would be supported in the next version. Darryl stressed that it is easy to support and will be in MS apps in 1991.

Action: PR to follow up with background material and recontact in context of Excel 3.0 announcement.

Peter Lewis, NYT

Peter was delightful. He thinks OLE is "slick," and he said it would have benefit for his reader (the executive that uses PC technology). As mentioned above, he was sort of appalled at the anti-MS sentiment expressed at Comdex. We need to keep him informed of our strategy to help corporations and ISVs. For a guy that professed to be "not a propeller head" he is incredibly excited about technology. He is interested in artificial reality and what is going on there.

Action: Send Peter additional information on OLE and notify him of apps vendors that are supporting it.

From darrylr Wed Dec 26 17:48:06 1990
To: cameronm kathrynh tonyw viktorg w-clairl
Cc: alistair russw

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WinMail 1.21

lynnra

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Subject: Re: PC Week article 12/17, pp 13
Date: Wed Apr 29 16:52:26 PDT 1992

Date: Wed Dec 26 17:06:56 PDT 1990

As a further point on net support, my understanding is that in new wave you can't do scenarios where users link to a file on a server where that file is owned by some other user. For example, a sales spreadsheet that multiple people link to and which is periodically updated by someone in the marketing department. You can do such scenarios with ole but not with new wave.

From w-maria Thu Jan 3 10:50:31 1991
To: russw
Cc: cameronm kathrynh viktorg w-clairl
Subject: xl 3
Date: Wed Apr 29 16:52:33 PDT 1992

Date: Thu Jan 3 10:45:17 1991

as you know this is being announced next week (Wed.) It includes OLE and there may be a few sensitivities about this. We are being consistent about how this was developed (initiated in apps division, input to by other vendors) -- we are also saying that other OLE-compliant applications will be able to link and embed with Excel 3 and vice versa (paraphrase).

This is FYI. Billg will highlight it in his talk at the announcement in Boston. Let me know if you have questions. Thanks, Marianne

From hanifaw Mon Jan 14 03:08:47 1991
To: appspm ledist syspm
Cc: hanifaw
Subject: ADL report for OLE - 1/14
Date: Wed Apr 29 16:52:33 PDT 1992

Date: Mon Jan 14 03:04:34 PDT 1991

PROJECT: Object Linking & Embedding (Compound Document) DLLs
CONTACT: Hanifaw

	Current	Last Change
Date of Report	01/14/91	12/02/90
Spec by	done	0/29/90
Spec Update by	01/16/91	10/31/90
Schedule by	done	done

Previous milestones:

ISV pre-release (v1.03)	done (11/30/90)
Bug Fix release (v1.05)	done (12/21/90)

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Next milestones:

release to Win3.1 retail beta I	01/16/91
release to Win3.1 SDK beta I	01/30/91
release to Win3.1 retail beta II	03/06/91
release to Win3.1 SDK beta II	03/27/91
OLE workshop	01/17/91

Changes:

Spec. Update to include API additions for robustness
(eg. Link Management, Busy Handling, Initiate, DDE rewrite),
UI, and consistency updates.

There are 5 upcoming major milestones (see above), the
upcoming beta release due this Wed.

Summary:

On Jan 16, we will deliver an OLE release to Windows
for Win3.1 Retail beta I. We also maintain a set of
DLLs, exes, spec, and release note (including bug summary)
in \\medusa\apparo\slm\src\ecd\rel\0116.
Sample codes can be found in its corresponding \ecd\rel_src.
Test plan and test apps can be found in \ecd\test.

Our deliverables include:

client	- ecd.lib & ecd.dll
server	- srvr.lib & srvr.dll
applets	- cardfile.exe, pbrush.exe
samples	- shapes.exe, cldemo.exe, cltest.exe
spec	- cd.doc
release note	- readme.txt

OLE implementation in WinWrite is to be scheduled as soon
as a contractor is hired (by Jan 18). Planning in progress.

OLE DLLs will be compatible on all Win3.x. Initial port
to OS/2 using WLO is successful (not completed yet).
Mac OLE is TBD.

OLE bug database has been combined into Winbug database.
Please contact Hanifaw for any bugs found, or send email
to winbug.

We currently have 4 alpha test sites and will have 5-6
beta sites focusing on OLE testing. Feedback will be
solicited actively, and arrangements will be made to
collect these ISV's beta software for in-house integration
testing.

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There will be OLE workshop on Thurs, Jan 17 at Cascade room. The first session will cover OLE architecture & specification, and the remainder will cover the implementation details, demo, and Q&A. It'll be beneficial for MS program managers, developers, testers, and user eds to attend this workshop, especially when you are planning to implement OLE in the near future.

From experiences from Cirrus & WLO teams, implementing OLE onto their products took about 10 days to read/understand OLE specifications and about 2 days to code & test (embedding client).

The following is a list of Microsoft products with regard to OLE. For more detail information, please contact Hanifaw or the listed contact person.

MS Products currently supporting OLE

L=Linking, E=Embedding

Cirrus	BillB(dev), AdamB(pm)	client:L/E, server:L
EmbedDraw	LauraTi(pm)	server:E
Excel	EdF(dev)	client/server:L/E (DDE)
WinGraph 1.x	RebeccaS(pm)	server:E (DDE)
2.0		client:L, server:E
WLO 1.0	DavidWo(dev)	client/server:L/E

MS Products planning to support OLE

Audio Board	TonyGa(pm), BenM(dev)	server
Bullet (Win Email)	JeffW (pm)	client:E
Conversions	KennW(pm)	non-apps
Font Effect	KarenFr(pm)	server:L/E
LAN Man 3.0	RobP(pm)	OLE interface
Macword 5.0	MariaSt(pm), DavidLu(dev)	client/server:L/E
Multimedia Windows	ChrisDo (gpm)	server?
Probe (Q+E)	Mikep(pm), LowellT(pm)	client/server:L/E
Project 2.0	LoisO(pm)	client/server:L/E
Voodoo	KarenFr(pm)	client:L/E
Win Scheduler (Bandit)	BobM(dev)	TBD
WinWord 2.0	LarryTs(pm)	client/server:L/E
WinWorks 1.0 (WP)	TimWo(pm)	client:L/E

MS Products with no plan to support OLE

Barney	AaronG(pm)
GUI CBT Tools	IlgaJ(pm)
Help	HeikkiK(pm)
SlapShot	GaryE(pm)

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Thunder

AdamR(pm)

From hanifaw Sat Feb 2 22:45:36 1991
To: appspm ledist syspm
Subject: ADL status for OLE - 2/4
Date: Wed Apr 29 16:52:55 PDT 1992

Date: Sat Feb 02 22:41:54 PDT 1991

PROJECT: Object Linking & Embedding
CONTACT: Hanifa Winarko (HanifaW)

	Current	Last Change
Date of Report	02/04/91	01/14/91
Spec by	done	10/29/90
Spec Update by	03/04/91	02/01/91
Schedule by	done	done

Previous milestones:

Spec. update	done (01/16/91)
OLE workshop	done (01/17/91)
release 1.0009(beta I)	done (01/21/91)

Next milestones:

	current	last change
release 1.0010	02/18/91	02/01/91
release 1.0011	03/04/91	02/01/91
OLE beta test start	03/25/91	02/01/91
WinWrite (OLE)	03/25/91	02/01/91

Changes:

1. Spec. update was done.
2. OLE workshop was done.
3. OLE release 1.0009 was done.
4. Two incremental releases were scheduled, rel 1.0010 (2/18) and rel 1.0011 (3/4).
5. Milestone for beta test is added (03/25).
6. Milestone for OLE implementation in WinWrite is added (03/25).

Summary:

Current release

OLE releases are in \\medusa\public\src\ole.
Each directory, eg. \01-21-91 is a release made on that day
and consists of \doc for the latest spec. & other documents,

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\rel for the latest DLL & applets,
\rel_src for the sample source codes.
readme.txt containing the release note &
bug summary.

The newest revision of the OLE spec. was dated 16 Jan 91.
(January beta version). It has been renamed to olespec.doc.
There will be a spec. update on 3/4 as part of the rel 1.0011,
it includes the token and drag&drop functionality and updates
in accordance with the changes in the libraries.

Release 1.0009 on 01-21-91 was originally intended for
Win3.1 retail beta I. However, since Win3.1 schedules
have been slipping, we will continue to make incremental
releases to Windows. For Windows' final beta build (whose
re-scheduling is in-progress), Windows may take the latest
stable OLE release.

Future releases

The next two OLE releases are scheduled for 2/18 and 3/4.
Rel 1.0010 on 2/18 includes --name change from Ecd_ to Ole_
--bug fixes (Cirrus, all sev.1&2,
some sev.3&4)
--code changes per WLO request
--client sample codes (new, for SDK)
--first pass of WinWrite
Rel 1.0011 on 3/4 includes --Token functionality
--bug fixes (all sev.1,2&3)
--server & client-server samples (SDK)
--second pass of WinWrite

PSS support

There is a trained PSS support for internal developers.
I will announce further information, i.e. how to contact
them, email alias, etc. next week.

WinWrite

OLE implementation in WinWrite has been scheduled.
Initial implementation has worked (paste/paste-link/move/resize).
First milestone is to complete OLE code & test by 3/25.
This includes bug fixes for OLE related areas (eg. clipboard).
Then, UI feature enhancement & some major bug fixes until 4/29.

Mac OLE

Mac OLE spec'ing (UI) is in progress, ready for internal
review by Feb 15. Detail scheduling will follow.
Preliminary estimate is to have alpha release by May/Jun'91.

OLE workshop

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OLE workshop was held on Thurs, Jan 17. You may obtain a copy of the distributed spec. and slides from the library. The library also holds 3 copies of the workshop videotapes.

OLE apps (customers)

Some status concerning OLE customers:

- Cirrus: A few changes requested from Cirrus (eg. metafile in a metafile, keeping the server running in the background). We will attempt to fix these in rel 1.0010 on 2/18.
- NoteBook (H-Win): Requests for insitu editing, layout negotiation, etc. Planned for OLE 1.1. Spec. in progress.
- WLO is porting OLE DLLs to OS/2. Require minor code changes, will be done in rel 1.0010 on 2/18.
- Conversion, WinWord, WinWorks, MultiMedia are actively inquiring OLE.
- Lotus Notes2.0: already implemented OLE. We are trying to run some test against it in-house.
- Lotus Word Processor: planning to implement OLE this month.
- Corel Draw, Micrografix, Lotus Corp, and Aldus are also implementing OLE. The plan is to have them as our beta sites.

List of MS OLE apps

The following is a list of Microsoft products with regard to OLE. For more detail information, please contact HanifaW or the listed contact person.

MS Products currently supporting OLE

L=Linking, E=Embedding

Cirrus	BillB(dev),AdamB(pm)	client:L/E, server:L
EmbedDraw	LauraTi(pm)	server:E
Excel	EdF(dev)	client/server:L/E (DDE)
WinGraph 1.x	RebeccaS(pm)	server:E (DDE)
WinWorks 1.0 (WP)	TimWo(pm),Phaniv(dev)	client:L/E
WLO 1.0	DavidWo(dev)	client/server:L/E

MS Products planning to support OLE

Audio Board	TonyGa(pm),BenM(dev)	server
Bullet (Win Email)	JeffW (pm)	client:E
GUI CBT Tools	IlgaJ(pm),Suryar(dev)	client:L/E
Conversions	KennW(pm)	non-apps
Font Effect	KarenFr(pm)	server:L/E
LAN Man 3.0	RobP(pm)	OLE interface
Macword 5.0	MariaSt(pm),DavidLu(dev)	client/server:L/E
Multimedia Windows	ChrisDo (gpm)	server?
Probe (Q+E)	Mikep(pm),LowellT(pm)	client/server:L/E
Project 2.0	LoisO(pm)	client/server:L/E
Thunder	AdamR(pm)	client/server:E (embedding custom control)

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Voodoo
Win Scheduler (Bandit)
WinGraph 2.0
WinWord 2.0

KarenFr(pm)
BobM(dev)
RebeccaS(pm)
LarryTs(pm)

client:L/E
TBD
server:E
client/server:L/E

MS Products with no plan to support OLE

Barney
Help
SlapShot

AaronG(pm)
HeikkiK(pm)
GaryE(pm)

From kevine Tue Feb 12 19:27:23 1991
To: cameronm viktorg
Subject: OLE Video
Date: Wed Apr 29 16:53:18 PDT 1992

Date: Tue Feb 12 19:23:13 PDT 1991

The OLE video tape has been edited for distribution. I would like to begin duplication and production of the OLE Video Workshop. I've checked with legal and it's unlikely they need to review the tapes (thank god!) since the event was public.

If either of you want me to wait on the next step of production until you have reviewed the tapes then let me know. I feel confident that I could proceed but would understand if you want a final review.

Let me know either way.

Kevin

As it stands now, I am planning to produce 100 units initially. COGs will be around \$50 per unit. (5 tapes per unit). Our pricing policy is to be determined, but I am in favor of a price range in the \$195-\$295 area.

From roberth Tue Feb 19 14:57:29 1991
To: hanifaw
Cc: bobt cameronm tonyw
Subject: OLE Betas
Date: Wed Apr 29 16:53:18 PDT 1992

Date: Tue Feb 19 14:53:03 1991

Hanifa,

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Here are some names of people from SD'91 that expressed an interest in

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being included on any beta testers list that you are compiling:

Arden Rodgers
IBM
6901 Rockledge Dr
Rm 8035
Bethesda, MD 20817

Alexander Ward
Xerox PARC
3333 Coyote Hill Rd
Palo Alto CA 94304
(415) 494-4853

Louis J. Cutrona
Xian Corporation
625 North Monroe Street
Ridgewood NJ 07450
(201) 447-3270

Timothy Andrews
Ontologic
Three Burlington Woods
Burlington MA 01803
(617) 272-7110

David E. Gardner
CPI
4100 Hamline Ave N
St. Paul, MN 55112-5798
(612) 638-4417

Al Chang Lu
SPSS Inc.
444 N Michigan Ave
Chicago IL 60611
(312) 329-2400

Also, the OLE Specification Documentation that we printed up didn't get down there until the last day, so we will hopefully have the remainder back here on campus (about 300+ copies) soon. If you want, I'll drop a box off with you. They are nicely printed up with comb binding, and a plastic cover.

-Robert

From viktorq Tue Feb 19 17:35:44 1991
To: dboone dwightm hanifaw isvmkt

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Subject: OLE enquiries from developers et. al.

Date: Wed Apr 29 16:53:25 PDT 1992

Date: Tue Feb 19 17:33:27 1991

The good news is that there's lots and lots of interest from people in getting more information, and material on OLE.

The bad news is that we're not in any way set up to manually accomodate each and every request coming from people, and mail out disks.

It is important to remember that OLE is not a product, but rather a technology that will be part of Windows 3.1. It is not technically dependent on Win 3.1, but the OLE libraries, specs and documentation will be in the Win 3.1 SDK product. There is no spearate product an ISV can order to get OLE. As a courtesy, we've made available the conference materials left over from our Dec 10 workshop, but this stock is coming to an end, and we will not produce additional materials.

Here is what people who wish to get the OLE spec and s/w should do:

We have made both available for downloading through MS OnLine, as well as CompuServe. Anybody wishing to get OLE s/w and specs, should get it through these services. We will not mail out disks, or printed documentation separately, except in special circumstances ("I do not use these services" is not a special circumstance - the answer is that they just have to wait for the 3.1 SDK.)

If the person interested is a press person, they should talk to PR. If the person is internal, they can find the materials on \\medusa\public.

Technical support for OLE is avilable thorough OnLine, and OnLine only. I am not available to answer technical questions to ISVs or other developers.

Pls forward this mail as necessary. Let me know if there are questions.

thx, vikto

From hanifaw Wed Feb 20 12:40:55 1991

To: viktorg

Cc: bobsail brucep dhoone dwightm hanifaw isvmkt richardb tonyw

Subject: FW: OLE latest spec & software

Date: Wed Apr 29 16:53:32 PDT 1992

Date: Wed Feb 20 12:32:23 PDT 1991

>From hanifaw Tue Feb 19 15:13:06 1991

To: viktorg

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Subject: OLE latest spec & software

The latest OLE spec. is in
\\medusa\public\src\ole\latest\doc\olespec.doc

The latest release is in
\\medusa\public\src\ole\latest\rel

The latest samples are in
\\medusa\public\src\ole\latest\rel_src

From hanifaw Wed Feb 20 13:03:59 1991
To: viktorg
Cc: bobsail brucep dboone dwightm isvmkt richardb tonyw
Subject: RE: OLE enquiries from developers et. al.
Date: Wed Apr 29 16:53:39 PDT 1992

Date: Wed Feb 20 12:56:17 PDT 1991

>From viktorg Wed Feb 20 09:56:21 1991
To: bobsail brucep hanifaw richardb tonyw
Cc: dboone dwightm isvmkt
Subject: RE: OLE enquiries from developers et. al.

Date: Wed Feb 20 09:50:50 1991

As for the internal requests, pls keep in mind that all subs are on corporate net. when people ask you , tell them where to find it. Distribution of tangible material (i.e. that cannot reside on the net,) goes from us to MS Europe, who will then distribute on.

Allright. From my previous emails, you may see requests for videotapes of the workshop.

As far as distribution to buddy ISVs, we will do this here. Hanifa, you have to tell me where the latest is - i think that \\medusa\public is pretty much out of date.

\\medusa\public is the OLE release server.
Refer to \latest for the latest release
(doc, binaries, samples).
Iris and Lotus needed some updates.

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One last thing - if people ask about being part of the beta program, they need to be part of the Windows 3.1 SDK beta. There is no beta program for

| OLE itself.

We in Apps Strategy will coordinate a special beta program for OLE in addition to the Win3.1SDK beta program. MarkWa and I both want OLE beta testing to be much more active and focused than the Win3.1SDK beta program provides. And we startd with the list that you and Mark compiled.

Thanks.

Hanifa

| thx, vikto

From viktor Thu Feb 21 18:06:29 1991

To: bobsa hanifaw markwa

Cc: cameronm davidcol gregw tonyw

Subject: OLE delivery vehicle

Date: Wed Apr 29 16:53:47 PDT 1992

Date: Thu Feb 21 18:04:11 1991

The slip of Windows 3.1 has thrown a monkey wrench into our ability to deliver the final OLE s/w in a timely fashion. If we waited until the final delivery of Win 3.1, it'd be until next year when we see the first OLE apps shipping using the libraries. That's too far out.

I think we should get together and assess what alternatives we can pursue in delivering OLE to ISVs (that is, the final stuff, not just the preliminary stuff we've put on OnLine and CompuServe.) I have some ideas.

We also need to re-assess schedules for final OLE libraries - Hanifa's latest reports indicate that March 31 is not a delivery date any longer. Here again, we will need to find out what the new date is.

Perhaps you guys have already thought about this, and have a revised plan, but if not, let's meet next week to make one up.

How's Monday or Tuesday for you? Who else should be there?

thx, vikto

From sherryr Thu Feb 21 18:18:36 1991

To: bobt cameronm viktor

Subject: Re: Apps supporting OLE

Date: Wed Apr 29 16:53:47 PDT 1992

Date: Thu Feb 21 18:17:36 1991

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My last understanding was that PageMaker would not support OLE until their next release expected late 1991. They are currently evaluating whether to risk delay in shipping Freehand/Persuasion to add these features.

>From cameronm Thu Feb 21 11:16:06 1991
To: bobt sherryr viktorg
Subject: Apps supporting OLE
Date: Thu Feb 21 11:13:57 PDT 1991

Do Borland's new Windows product support OLE?
- ObjectVision?
- Turbo C++?

Does Aldus PageMaker 4.0 for Windows support OLE?

All of these product claim to support "DDE" in their releases, but only Notes and Excel actually said OLE in their releases. We might have to do more to establish OLE as a specific term people need to use.

Please let me know, I'm interested.

Thanks,
Cam

From davidcol Fri Feb 22 09:18:51 1991
To: bobsa hanifaw markwa viktorg
Cc: cameronm gregw tonyw
Subject: OLE delivery vehicle
Date: Wed Apr 29 16:53:54 PDT 1992

Date: Fri Feb 22 09:17:29 1991

Note that shipping the OLE libraries outside of Win 3.1 means a lot more work for the apps group. Testing, support, shipping, etc. The Windows team is focused on Win 3.1 and can't participate in getting this stuff out on an earlier time line.

From hanifaw Mon Feb 25 19:15:00 1991
To: appspm ledist syspm
Subject: ADL status for OLE - 2/25
Date: Wed Apr 29 16:53:54 PDT 1992

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Date: Mon Feb 25 19:08:30 PDT 1991

PROJECT: Object Linking & Embedding (OLE)
CONTACT: Hanifa Winarko (HanifaW)

OLE1.0 (Win/OS2)

	Current	Last Change
Date of Report	02/25/91	02/04/91
Spec by	done	10/29/90
Spec Update by	same as release dates	
Schedule by	done	done

Previous milestones:

release 1.0.1000	done(02/18/91)
------------------	----------------

Next milestones:

	current	last change
release 1.0.1100	03/11/91	02/25/91
release 1.0.1200	04/08/91	02/25/91
OLE beta program	04/29/91	02/25/91
WinWrite (OLE)	03/25/91	02/01/91

Changes:

1. Release naming convention has changed (now OLE1.0.xxxx)
2. OLE release 1.0.1100 was changed from 03/04 to 03/11.
3. Release 1.0.1200 was added to include the token/object viewer.
4. Release 1.0.1300 was added for pre-beta bug fixes.
5. OLE beta program has also changed from 03/25 to 04/29.
(This beta program focused on OLE testing, see below.)

Summary:

Current release

The latest OLE release can be found in

\\medusa\public\src\ole\latest\doc	-spec. & other docs
\rel	-DLL & applets
\rel_src	-sample source codes
readme.txt	

The most recent release was rel1.0.1000, dated on 02/18/91, includes the following: --bug fixes (Cirrus, all sev.1&2, some sev.3&4)

--code changes per WLO request
--client sample codes (new, for SDK)
--first pass of WinWrite

See readme.txt for detailed changes & release notes.

The only item not included is the name change, which will be included in the next release.

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Future releases

The OLE1.0 releases have been extended due to the late closure in the token design/spec'ing. In the meantime, we had continued to do bug fixes.

1. Rel 1.0.1100 on 3/11 includes:
 - All APIs needed for the token function
 - name change from Ecd_ to Ole_
 - Network API
 - bug fixes
 - client-server samples for the SDK
 - second pass of WinWrite

Changes from previous plan:

1. release date changed from 3/4 to 3/11.
2. name change (includes DLL and all source codes, spec, all documents).
3. for token: only APIs are included, not implementation of viewer/handler. (due to the delay in the closure of its design/spec'ing).

There will be no API changes in the OLE lib after this release.

2. Rel 1.0.1200 on 4/8 includes
 - Token functionality in OLE lib
 - Object Viewer
 - Handler enhancement

This release is to include the token function.

We do not anticipate any additional features after this release.

3. Rel 1.0.1300 on 4/29 includes
 - Extensive testing & bug fixing

This will be the final beta release. This release is ready for both OLE and Windows beta programs.

OLE beta program

On top of the Win3.1 beta programs, we organize a separate beta program for selected numbers of ISVs that actively and extensively implemented OLE. We will work closely with them and actively obtaining feedbacks.

Concurrently, this OLE release will also be ready for Win3.1 beta program which is managed by the Windows team.

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PSS support

Email to 'olepss' for any design/implementation questions/issues.

WinWrite

First pass of OLE implementation in WinWrite has completed.

For the second pass, it'll include:

1. Undo for Properties/Change Link
2. Insert New
3. Printing

Contact MelissMo for detailed info on WinWrite.

Mac OLE

We are in the process of forming a joint effort with Aldus to produce Mac OLE libraries. Spec update (include UI) to be done by Mar 18. Mac DLL issues to be resolved by Apr 1. Detail scheduling will follow. Preliminary guesstimate is to have alpha release by May/Jun timeframe.

OLE apps (customers)

We require all apps to modify the Ecd_XXXX naming convention to Ole_XXXX starting rel1.0.1100 (Mar 11).

Email to 'oleps' for implementation questions/issues/comments.

Some status concerning OLE customers:

- WinWorks: client in Word Processor.
- Cirrus: Requests will be fixed in rel 1.0.1100 on 3/11.
- NoteBook (H-Win): Planned for OLE 1.1. Spec. in progress.
- WLO is porting OLE DLLs to OS/2. Minor code changes (in DLLs) done in rel 1.0.1000. More code changes in test apps.
- Lotus Notes2.0: in the process of getting the latest beta.
- Micrografix: OLE implementation in Designer & Charisma.
- IBM, Xerox PARC, Ontologic, Asymmetrix, SPSS Inc., CPI, and a few other software vendors.

List of MS OLE apps

The following is a list of Microsoft products with regard to OLE. For more detail information, please contact HanifAW or the listed contact person.

MS Products currently supporting OLE

L=Linking, E=Embedding

Cirrus	MarkMo(dev), AdamB(pm)	client:L/E, server:L
EmbedDraw	LauraTi(pm)	server:E
Excel	EdF(dev)	client/server:L/E (DDE)
NoteBook-Pen Windows	LloydFr(pm)	client/server:L/E
PowerPoint2.0	LauraTi(pm), RickH(dev)	client:L/E (DDE)
WinGraph 1.x	RebeccaS(pm)	server:E (DDE)
WLO 1.0	DavidWo(pm), KenlynE(dev)	client/server:L/E

MS Products planning to support OLE

Audio Board	TonyGa(pm), BenM(dev)	server
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Bullet (Win Email)	JeffW (pm)	client:E
GUI CBT Tools	IlgaJ(pm),Suryar(dev)	client:L/E
Conversions	KennW(pm)	non-apps
Font Effect	KarenFr(pm)	server:L/E
Help	HeikkiX(pm),RobertBu(dev)	
LAN Man 3.0	RobP(pm)	OLE interface
Macword 5.0	MariaSt(pm),DavidLu(dev)	client/server:L/E
Multimedia Windows	DavidMay(dev)	server:L/E
PowerPoint3.0	LauraTi(pm),RickH(dev)	client/server:L/E
Probe (Q+E)	Mikep(pm),LowellT(pm)	client/server:L/E
Project 2.0	LoisO(pm)	client/server:L/E
Thunder	AdamR(pm)	client/server:E
		(embedding custom control)
Voodoo	KarenFr(pm)	client:L/E
Win Scheduler (Bandit)	MaxB(dev),DavidGr(pm)	server:L/E
WinGraph 2.0	RebeccaS(pm)	server:E
WinWord 2.0	LarryTs(pm)	client/server:L/E
WinWorks 1.0 (WP)	TimWo(pm),Phaniv(dev)	client:L/E

MS Products with no plan to support OLE

 Barney AaronG(pm)
 SlapShot GaryE(pm)

From tomb Fri Mar 8 13:20:42 1991
 To: hanifaw
 Cc: cameronm
 Subject: Macro Recorder and OLE 2.0
 Date: Wed Apr 29 16:54:24 PDT 1992

Date: Fri Mar 08 13:17:42 1991

Who is involved in OLE 2.0 evangelism and marketing? We should definitely get together on this.

thanks,
 tom

>From tom Thu Mar 7 11:08:21 1991
 To: tomb
 Cc: chasst dennisc johnf leno
 Subject: Macro Recorder and OLE 2.0
 Date: Thu Mar 07 11:04:54 PDT 1991

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Our plans are changing from a dependence on the Win 4 PDK and the Win 4 retail release as the only vehicles we use to release our command recorder technology, to becoming a part of the OLE 2.0 specification. This is a significant change and has fairly wide ranging effects.

1. We gain much more control over timing by reducing our dependence on Win 4.0. It allows us to be more responsive to clients.
2. We will now have a much broader group of customers. Rather than just the 32 bit Win 4.0 apps, we will now assure win 3.0 and win 3.1 apps can use our recorder too (they still need to convert to our command model).
3. We gain the clout of having the OLE momentum behind us, as well as gaining a big part of a critical piece of technology being pushed hard by MS. You will need to coordinate this.
4. We will not be able to depend on Win 4.0 as the vehicle for shipping the retail recorder and editor. This means that along with getting apps to support our command model, we will need to offer them our recorder and editor as part of the technology. While this is an short term requirement, only until Win 4 ships, without the availability of a recorder, few apps will convert their commands just to wait for 8-12 months until the recorder finally ships. You may want to investigate the possibility of shipping with a win 3.1x update too.

I think you need to begin to coordinate your marketing with the OLE group. I have ask hanifaw for their product/marketing plan for OLE 2.0. They don't have one yet but are working on completing a plan by month's end. I will distribute it when it is available.

tom

From roberth Wed Mar 13 11:40:21 1991

To: tonyw

Cc: bobt cameronm viktorc

Subject: Ole and Spelling Checkers

Date: Wed Apr 29 16:54:31 PDT 1992

Date: Wed Mar 13 11:34:17 1991

Tony,

I just talked with Camilo Wilson of Lifetree Software. They have a spelling checker that they are currently leveraging off of existing windows word processors by passing data back and forth via the clipboard.

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Cameron suggested the possibility that this might be something that could utilize OLE, but after talking about this with him, it became apparent that (at least to my knowledge) the functionality of something like this was outside of the current scope of the intentions of OLE.

WinMail 1.21

lynnra

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What he would need to have, would be a mechanism that would allow him to accept, and modify, the data that another application would be supplying.

Granted, this sounds more like a DDE issue then and OLE one, but I was just wondering if something like this had at all been discussed within the confines of OLE, and if there were any interesting thoughts about it.

-Robert

From viktor@ Thu Mar 14 11:42:46 1991
To: davidcol dboone hanifaw markwa tonyw
Cc: bradsi cameronm darrylr
Subject: OLE on OnLine and CompuServe
Date: Wed Apr 29 16:54:38 PDT 1992

Date: Thu Mar 14 11:41:10 1991

I want to distill the flurry of email that was sent around about this controversy:

After the OLE conference, we've decided to distribute the OLE materials (s/w and spec) using CompuServe and OnLine, allowing interested developers to get the latest materials through these networks. We wanted to ensure a delivery vehicle for updates to OLE, without having to wait for the 3.1 SDK.

Recent versions of OLE require use of COMMDLG and SHELL DLLs, components that are viewed as Win 3.1 components. The Windows team says that these components must not be uploaded to these services. As a result, it was requested that PSS remove all OLE materials from these services, and provide no further updates.

Proceeding that course will cause great problems for OLE. Interest in OLE has been very, very active. There are a great many ISVs and other interested parties that have contacted MS to get materials. We have been referring these parties to OnLine and CompuServe. If you noticed this week's article in InfoWorld, you know that if anything, our distribution of OLE materials is not open enough.

We must continue providing the materials via these services, at least until such time an alternate way of obtaining OLE can be secured. Whether this requires distribution of COMMDLG or SHELL, I don't know, as long as we give everything that's necessary to allow a developer to begin implementation. I'm very worried we're choking OLE to death, and further promote the idea that MS's apps division got an unfair advantage over other ISVs.

thx, viktor

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release will follow only a couple of weeks later. Unless we receive updated OLE libraries in the next few days, both products will ship without OLE support.

Lyle

From cameronm Tue Mar 19 18:51:32 1991
To: kevine viktorq
Cc: davidcol hanifaw janineh tonyw
Subject: Compuserve distribution of OLE and Win 3.1 components
Date: Wed Apr 29 16:54:53 PDT 1992

Date: Tue Mar 19 18:51:06 PDT 1991

David and I discussed this today and both agreed we should set-up a distribution mechanism for ISVs over Compuserve through a private forum for distributing OLE and other of the Windows "components".

This should happen quickly as OLE availability and updated code is a very visible problem with ISVs and with the press. Kevin, will you please drive this? You will need to coordinate with Hanifaw and Viktorq on the code and with Janineh on the mechanism and later folding in of Win 3.1 "components" as we deem appropriate. Please pull me into any meetings as you deem necessary/appropriate.

Let's get this done quickly.

Thanks,
Cam

From cameronm Tue Mar 19 18:55:44 1991
To: kevine sherrylyh viktorq
Cc: tonyw
Subject: InfoWorld rumor of an OLE 2.0 Spec
Date: Wed Apr 29 16:54:53 PDT 1992

Date: Tue Mar 19 18:55:22 PDT 1991

Infoworld says we are distributing a sepc for OLE 2.0!

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This is going to be a hot piece of disinformation that we need to squash immediately. Can we please put a notice on Compuserve and Online decrying this nonsense and setting the record straight. otherwise this will only stir up concern, diamy and general fear and loathing with ISVs.

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The sooner we get this done the fewer frantic calls we'll have to take.

Thanks,
Cam

From billg Wed Mar 20 08:42:38 1991
To: jonl
Cc: cameronm
Subject: OLE 2.0
Date: Wed Apr 29 16:55:00 PDT 1992

Date: Wed Mar 20 08:41:08 1991

Are you being totally random? All I said about OLE 2.0 was that we would be putting out some proposals for it this year - OLE 2.0 was shown in the next revision category of my object oriented stuff.

Did you listen to my speech? What the hell is going on - now even internal people are looking for a conspiracy in everything I say? We are working on an OLE 2.0 proposal and will be circulating it in a few months. Lotus is welcome to make an OLE 2.0 proposal in parallel based on what they think makes sense.

The term ole 2.0 means the second round of OLE. I am sure it is a very suprising thing to you. Especially that we are working on what will be in it.

You and infoworld should get along just fine.

From tonyw Wed Mar 20 11:54:54 1991
To: larryts ledist olepss
Cc: alistair cameronm viktorg
Subject: Re: OLE 2.0 spec
Date: Wed Apr 29 16:55:01 PDT 1992

Date: Wed Mar 20 11:50:21 1991

| Pardon me, was a draft of this already distributed?

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No. You may have been misled by Infoworld simply getting it wrong. Please be prepared for lots of people asking this. CameronM's group will try to handle ISV queries. PSS should be prepared for calls also.

The response is that we are not distributing OLE 2.0 specs, we don't have them yet, we are working on them.

We are preparing the beta release of OLE 1.0 with corresponding spec.

Tony

From billy Wed Mar 20 13:49:38 1991
To: jonl
Cc: cameronm
Subject: OLE 2.0
Date: Wed Apr 29 16:55:08 PDT 1992

Date: Wed Mar 20 13:46:19 1991

Get reed to write down what he wants to see in ole 2.0 - that is a concrete thing and exactly what we are doing.

From billy Wed Mar 20 14:12:26 1991
To: larryts ledist olepss tonyw
Cc: alistair cameronm viktorg
Subject: Re: OLE 2.0 spec
Date: Wed Apr 29 16:55:08 PDT 1992

Date: Wed Mar 20 14:10:44 1991

We need to be careful about our terminology.

OLE 1.0 specification is done - true or false?
OLE 2.0 any ISV can make suggestions for what they want in it - we are just one of the ISVs who will make suggestions. We hope others are working on proposals just like we are.

The libraries for OLE 1.0 are a DIFFERENT issue and we are being massacred in the press because of the confusion over this. If someone says OLE 1.0 has not been released then we look bad because EXCEL must have programmed to some specification as did LOTUS - that specification is OLE 1.0.

From cameronm Wed Mar 20 16:01:40 1991
To: w-pamed
Cc: alistair bobt jonl kevine viktorg
Subject: RE: OLE History
Date: Wed Apr 29 16:55:08 PDT 1992

Date: Wed Mar 20 16:01:17 PDT 1991

Guys, please help my memory. This is my best recollection:

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OLE originated as ideas about extending DDE which came from several

| what we're delivering with the library betas?

Hanifa and Alistair have prepared a statement to put out on compuserve that explains the situation.

As BillG said, the OLE 1.0 DDE-based protocol is final and has been for a long time, and is what Excel, Notes etc implemented. The spec was made freely available on request last year, and handed out in volume at the December ISV workshop.

The API specification is considered an important part of OLE 1.0 spec since we are trying to evangelize ISVs to code with the libraries instead of the DDE protocol if they can given their schedules. The API specification is now as final as we know how to make it given that beta testing may show up problems, and that editorial reivew of the document is not complete. The OLE 1.0 spec that is available as of now contains this API spec. This spec will be put on compuserve ASAP.

Most ISVs are working with us to code to APIs instead of DDE. We have given copies of latest OLE code to those with really urgent schedule pressures. Plans are in place to get it to a wider set of ISVs. Cameron's group and windows program management are working together on this.

Tony

From tonyw Thu Mar 21 15:43:38 1991
To: alistair cameronm edwardj gregw hanifaw viktorq
Subject: OLE article
Date: Wed Apr 29 16:55:37 PDT 1992

Date: Thu Mar 21 15:38:04 1991

Patricia Seybold's rag Paradigm Shift has a reasonably good article discussing New Wave, OLE, CDA+ACA, NCS etc, and their relationships. It also explains where these things play different roles and are not competitive.

There might be some way to get this info to a wider audience so that the confusion over who is competing with who would be lessened. Perhaps someone could commission an article that we could send out to the world.

Tony

From hanifaw Thu Mar 21 21:50:27 1991
To: davidcol dboone janineh kevine markwa rossc sherrylh
Cc: brucep cameronm darrylr hanifaw raor richardb tonyw viktorq
Subject: OLE & SDK Component release plan - meeting minutes

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lynnra

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Date: Wed Apr 29 16:55:37 PDT 1992

Date: Thu Mar 21 21:43:27 PDT 1991

MarkWa, JanineH, KevinE, RossC, SherryLh, DBoone and Hanifaw had a meeting today to discuss the beta & shipment plan for OLE and Windows SDK. A plan was discussed, and some issues were raised and still need resolution.

Status on CompuServe (as of Mon, 3/25):

--CompuServe public forum to contain

1) OLE1.0 spec

2) Registration form/instruction to get OLE lib

--CompuServe private forum to contain

1) OLE libraries (pre-beta release)

2) shell.dll

--Online should carry exactly the same materials as CompuServe.

The procedures to obtain OLE libraries is as follows:

--Anyone can gain access to the public forum on CompuServe and obtain a copy of the OLE1.0 spec.

--Anyone that registers (as specified) will gain access to the private forum. He will get OLE pre-beta software.

He will become registered OLE beta site & also SDK Component beta site (which eventually will become Win pre-release beta site). JanineH is maintaining the beta list.

--On 4/29, OLE1.0 beta libraries will be on CompuServe/private.

***We need to provide support for OLE. 2 PSS people are already trained, and we anticipate that they are able to handle OLE support during this period. Issue: Windows is not ready to provide support for its components, thus no support for OLE either.

--On 6/3, OLE1.0 golden libraries will be on CompuServe/private.

This is the final/shippable version of OLE lib and shell.dll.

***We need to provide licensing mechanism for ISVs who want to ship OLE1.0 with their products. Issue: no licensing plan.

To re-iterate, OLE goals are as follows:

1. beta by 4/29. Distribute to interested ISVs.

Obtain feedback.

Provide adequate support.

2. golden by 6/3. Ship it!

Provide licensing mechanism to ISVs.

Provide support.

It is very important that these OLE goals are fulfilled.

The concerns are that 1) Windows pre-release plan does not

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facilitate those ISVs needing to ship with OLE1.0 as of 6/3,
and 2) it does not provide adequate support mechanism for
OLE beta program and post OLE1.0 shipment.

We prefer to address these concerns and proceed to ship OLE1.0
with SDK Component/pre-release. However, we will have to take
an alternate avenue if SDK Component/pre-release plan does not
satisfy OLE needs.

Hanifa

From jerryf Fri Mar 22 08:03:36 1991
To: alistair
Cc: davidcol hanifaw isvmkt
Subject: RE: Clearing up InfoWorld OLE 2 mess - Alert! on Online &
Compuserve
Date: Wed Apr 29 16:55:52 PDT 1992

Date: Fri Mar 22 08:06:34 PDT 1991

This alert was posted yesterday as a News Flash (one time viewing) in
all forums, as a message addressed to ALL in the MSOPSYS
forum, and as a text file in the New Uploads section of all
of our data libraries.

Is the spec ready to be uploaded? If so, Charlesp needs
to receive the file so he can get it processed into the
software library today.

Also, the 3.1 developers forum has hit a small snag. CompuServe
called this morning and said that the forum name (which is
needed to access the forum) won't be in place until Tuesday
morning. If this is a major problem let me know and I'll
give them a call. Otherwise, everything will be in place
for Tuesday morning.

Jerry

>From alistair Wed Mar 20 18:53:33 1991
To: jerryf
Cc: davidcol hanifaw isvmkt
Subject: Clearing up InfoWorld OLE 2 mess - Alert! on Online & Compuserve

Date: Wed Mar 20 18:52:15 1991

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After some more editing, this is the alert which we definitively
would like posted ASAP to be read as people enter suitable forums
on compuserve and online.

The concerns are that 1) Windows pre-release plan does not facilitate those ISVs needing to ship with OLE1.0 as of 6/3, and 2) it does not provide adequate support mechanism for OLE beta program and post OLE1.0 shipment.

We prefer to address these concerns and proceed to ship OLE1.0 with SDK Component/pre-release. However, we will have to take an alternate avenue if SDK Component/pre-release plan does not satisfy OLE needs.

The Windows team is more than willing to resolve any issues or concerns you have, but you will need to be specific on what the problems are. Generalities like the above are not very productive. Please work with janineh and markwa to get the Win component stuff so that it satisfies your goals.

From viktor Fri Mar 22 15:26:18 1991
To: hanifaw sherryh
Cc: cameronm kevine tonyw
Subject: OLE beta test/ spec distribution
Date: Wed Apr 29 16:56:07 PDT 1992

Date: Fri Mar 22 15:23:18 1991

I keep getting bunches of forwarded voicemail, from random, ie tiny ISVs that I have never heard of. Kept wondering why they all ended up on my phone, and finally discovered that at least one first called Sherry, who told them to call Hanifa, who then passed it on to me.

Please, I am NOT the dumping ground for random ISVs!!! I don't have the time to take care of them, I do not compile a list of beta candidates, and I have more phone messages than I can shake a stick at. Please, please, please, tell them to get the spec from CompuServe, don't send them to me.

Key guys I will deal with. Sandar, Prisma etc I will not.

thx, viktor

From hanifaw Fri Mar 22 18:44:47 1991
To: davidcol janineh markwa
Cc: brucep cameronm dboone kevine raor richardb rossc tonyw viktor
Subject: OLE beta & ship plan
Date: Wed Apr 29 16:56:07 PDT 1992

Date: Fri Mar 22 18:35:49 PDT 1991

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JanineH, MarkWa, and I have agreed to the following:

1. OLE lib and shell.dll will be final by 6/15.
2. ISVs may ship with OLE & shell.dll as of 6/1.
3. A licensing mechanism will be in place by 4/30.
4. We may post OLE lib & shell.dll on CompuServe as a delivery vehicle.
5. OLE beta support (Apr-Jun) will be limited to max of 30 active ISVs only. Coordinated by HanifaW.
6. OLE Support (as part of SDK support) starts 6/15, coordinated by JanineH.

Hanifa

From tonyw Fri Mar 22 19:18:19 1991
To: cameronm hanifaw sherryh viktorg
Cc: kevine
Subject: Re: OLE beta test/ spec distribution
Date: Wed Apr 29 16:56:14 PDT 1992

Date: Fri Mar 22 19:15:11 1991

I sympathize with Viktor's position here. We want to do the best thing we can to deal with this. If calls come directly to us, we are willing to filter and forward to the right places.

However, in terms of actually spending time answering queries, the development team (including program management) should spend less time talking to ISVs than Viktor does.

What this means is that we have to have a way to select out the ones to forward to Viktorg, and we need to know where to direct the others.

Do we have somebody who can tell people where to look on compuserve, how to get access to it etc, or do we say they should go to compuserve via the yellow pages if necessary?

Cameron: you should set a policy on this, and tell us where to direct non-important ISVs. Viktor should give us a list of ISVs that he will deal with.

Then we should also tell all the other random people in MS who forward OLE enquiries to Hanifa or Viktor or Sherry or me.

Tony

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From markwa Mon Mar 25 09:32:51 1991

WinMail 1.21

lynnra

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To: davidcol hanifaw janineh
Cc: brucep cameronm dboone kevine raor richardb rossc tonyc tonyw viktorg
Subject: Re: OLE beta & ship plan
Date: Wed Apr 29 16:56:14 PDT 1992

Date: Mon Mar 25 09:15:53 1991

Regarding #3: a licensing mechanism won't be in place until the SDK components are final, that is, in June. The only thing that will be in place by 4/30 is a plan, worked out with Legal, as to how we will license the components.

I'm saying this, just in case there is any confusion: we won't permit ISVs to redistribute the SDK components until they are final, which will be in June.

>From hanifaw Fri Mar 22 18:42:46 1991

To: davidcol janineh markwa
Cc: brucep cameronm dboone kevine raor richardb rossc tonyc tonyw viktorg
Subject: OLE beta & ship plan
Date: Fri Mar 22 18:35:49 PDT 1991

JanineH, MarkWa, and I have agreed to the following:

1. OLE lib and shell.dll will be final by 6/15.
2. ISVs may ship with OLE & shell.dll as of 6/1.
3. A licensing mechanism will be in place by 4/30.
4. We may post OLE lib & shell.dll on CompuServe as a delivery vehicle.
5. OLE beta support (Apr-Jun) will be limited to max of 30 active ISVs only. Coordinated by Hanifaw.
6. OLE Support (as part of SDK support) starts 6/15, coordinated by JanineH.

Hanifa

From janineh Mon Mar 25 10:16:43 1991

To: davidcol hanifaw markwa
Cc: brucep cameronm dboone kevine raor richardb rossc tonyc tonyw viktorg
Subject: Re: OLE beta & ship plan
Date: Wed Apr 29 16:56:22 PDT 1992

Date: Mon Mar 25 10:11:00 1991

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In context with the 3.1 releases, the OLE libraries and Shell.DLL will be up on CompuServe today and do two things:

1. get us out of the hot water regarding who has access to these, ie, provide wide distribution

2. allow the ISVs an "early" look at part of Windows 3.1

The component release is scheduled for end April. OLE will become part of that release. Or, you could think of it in this way, by putting OLE up there today, we "bumped up" the schedule for the component release and made one piece of it available early.

Hanifa has several action items to resolve:

- How many sites is SSBU willing to support with their 2 current people?
- work out the license agreement with Legal
- if she wants some very concise feedback, she needs to work out a mechanism to do that (ie, work with Telemarketing to do call downs for her)

Also see >>'s below.

Janine

>From davidcol Mon Mar 25 09:10:05 1991

To: hanifaw janineh markwa

Subject: OLE beta & ship plan

Cc: brucep cameronm dboone kevine raor richardb rossc tonyc tonyv viktorg

Date: Mon Mar 25 09:06:18 1991

How can ISVs start shipping the libraries on 6/1 if they are not final until 6/15?

On item 4: a delivery vehicle for what? final or beta?
Is this the private forum or public.

>> This is the private forum. I believe that for the "final" version we should ship these on disk to the "licensees". Whether we would also leave them on Compuserve is an open issue, in my mind.

On item 5: what does it mean to be coordinated by you? Will this appear to be part of the Win 3.1 beta program, or are you once again talking about a separate program? Is this just you calling them down?

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>> Hanifa owns the action to get with SSBU and see how many people they are willing to support. They already have 2 bodies providing OLE support. This is part of the Win 3.1 beta program and not a separate one.

| On item 6: Has SSBU signed up for this? How about
| the rest of the Win 3.1 components? IT'll be confusing
| to the ISVs to only get support on the OLE libraries
| and not the rest.

>> As above, SSBU already has 2 people providing OLE support. They will not provide support for any of the other components except through the Premier program.

| I would really like to see a piece of mail which covers
| the OLE pre-releases and releases in context of the
| other Win 3.1 components as well. It's terribly confusing
| for the ISVs if we don't start thinking like this.

| David

| This was very confusing email.

| >From hanifaw Fri Mar 22 18:41:36 1991
| To: davidcol janineh markwa
| Cc: brucep cameronm dboone kevine raor richardb rossc tonyc tonyw viktorg
| Subject: OLE beta & ship plan
| Date: Fri Mar 22 18:35:49 PDT 1991

- JanineH, MarkWa, and I have agreed to the following:
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 6. OLE Support (as part of SDK support) starts 6/15, coordinated by JanineH.

Hanifa

From rossc Mon Mar 25 14:31:54 1991
To: cameronm charlesp kevine

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WinMail 1.21

lynnra

Wed Apr 29 16:47:44 1992Page: 75

Cc: gregg janineh rossc viktor
Subject: OLE libraries on OnLine
Date: Wed Apr 29 16:56:36 PDT 1992

Date: Mon Mar 25 14:28:43 PDT 1991

We need to find a way to grant restricted access to the OLE libraries to ISVs with OnLine accts that submit the win 3.1 beta test application. We already have this scheme worked out for Compuserve access, but the GE system doesn't allow the same capabilities.

What Charles can do is to send the libraries to individual ISVs who return the application form via their OnLine email accounts. This can be done at the same time that jerryf enables access to the private CIS forums.

Not an elegant solution, but one that allows restricted access to OLE via OnLine.

From w-collin Mon Mar 25 15:01:28 1991
To: bradsi cameronm jonl martyta
Cc: brendah w-clairl w-pamed
Subject: First cut at OLE history
Date: Wed Apr 29 16:56:44 PDT 1992

Date: Mon Mar 25 14:29:50 1991

... An effort at a factual backgrounder, with our "defense" coming in at the end. need to be sure it sounds convincing and the end is not defensive. (Hard for me to tell, as I wrote it.) If you think it's reasonably close, pass it on for comments. I'll use this as a base for several other similar things I'm doing.

Object Linking & Embedding: A History

Object Linking & Embedding (OLE) is a specification designed to simplify the exchange of data between different applications, effectively creating compound documents -- documents containing different types of data, such as text from word-processing documents, numerical data from spreadsheets, and graphical objects from 3D drawing packages. OLE was developed over a period of more than two years with input and participation from hundreds of PC software developers, and more than 'x' developers are currently shipping or plan to ship products supporting OLE. Its evolution is an example of how the industry works

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together to solve a common problem, and it is a textbook case of how Microsoft works with developers -- those outside the company as well as those within its own applications group -- to produce a systems software standard that benefits all companies, both commercial developers and corporations during internal applications work.

Origins of OLE

OLE originated as ideas from several PC vendors about ways to extend the capability of the Dynamic Data Exchange (DDE) protocol in Windows and OS/2. The two seminal proposals came from the Powerpoint group within the Microsoft applications division and from Aldus with its "PEZ specification," both in 1988.

An initial specification called "DDE Extensions" was formalized in the summer of 1989 and was evangelized and distributed by Microsoft's OS/2 product group to independent software developers (ISVs) during 1989 and 1990. This specification went to some 200 ISVs.

In the fall of 1989, Lotus Corporation suggested to Microsoft that the two companies work closely with a few other companies to finish the specification. Microsoft agreed. A task force was formed to revise the specification. The team consisted of senior developers from Lotus, WordPerfect, Aldus and the Microsoft applications architecture group. Three review meetings were held, one each in Cambridge, Orem, Utah, and Seattle. Out of these meetings was a more complete specification called the "extensible Compound Document Architecture" ("eCDA").

In early 1990, the Windows and Presentation Manager Association (WPMA), a trade association of Windows and OS/2 ISVs, met to discuss "DDE Extensions." At this meeting, Micrografx and Samna Corporation proposed their "Intelligent Snapshot drivers," which are <one-sentence summary>. At this same meeting, the Microsoft applications architecture group presented the work to date on eCDA, and updates to the eCDA specification were made available.

During the summer and fall of 1990, Microsoft incorporated the Intelligent Snapshot concepts under the specification and continued revising the specification while soliciting feedback from many other ISVs: Borland, Metaphor, Iris, etc.

In the fall of 1990, Windows PowerPoint shipped with support

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for a subset of the OLE specification (supporting an OLE server); this was based on the current state of the DDE Extensions then in the hands of major ISVs.

OLE: Final Adoption

At fall Comdex in November 1990, Mike Maples, vice president of Microsoft applications, announced the OLE specification and did a PowerPoint demonstration at a press breakfast. He gave credit to Aldus and the general ISV community <true??> for contributing to the specification and said that the OLE specification would be available shortly in final form <true??>. At approximately the same time <earlier??>, Microsoft began sending invitations to the ISV community for a major developers conference at Microsoft on OLE.

In the first week of December, Darryl Rubin, a Microsoft software architect, did a series of meetings with industry press and analysts throughout the country to describe OLE in more detail, to do an OLE demonstration, and to explain how it fit in with Microsoft's vision of Information At Your Fingertips.

On December 10, Microsoft published the finished version 1.0 specification under the name "Object Linking & Embedding" and held a free developer's conference for 230 ISVs. Microsoft also made available pre-release "tools" for OLE in the form of high-level libraries and small sample Windows applications (applets) that supported OLE. Senior Lotus developers spoke at the conference along with Microsoft staff and demonstrated OLE in a pre-release version of Notes 2.0. This same day Microsoft released an announcement of OLE with supporting statements from Aldus, Borland, Lotus, Micrografx, and WordPerfect.

This long history of cooperation, review, and input was summarized in the preamble to the OLE specification, which states:

"The protocol defined in this specification was initiated by Rick Hawes of the Microsoft Applications Graphics Business Unit. Concurrently, a very similar protocol was proposed by Rick Trent of Aldus, called PEZ. This work [the final specification] is a synthesis of the earlier proposals, refined and completed with the help of many people at Microsoft, Lotus, Aldus, and WordPerfect Corp. The original working title of the specification of this protocol was 'Linked and Embedded Documents.' Following review and

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comment, the working title was changed to 'Extensible Compound Document Architecture' with the intent to convey the nature and purpose of the specification. To avoid confusion with the acronym CDA which is owned by Digital Equipment Corporation, and to convey that the specification defines a protocol between application components, the title was changed to 'Compound Document Protocol.' Finally, we have decided to return almost to the beginning, and have settled on the current title [Object Linking & Embedding]."

Currently the specification is in a public forum on CompuServe. The OLE libraries are going into a private forum for which people have to sign a non-disclosure form, but which is otherwise not restricted. (Non-disclosure is required because the library code works in conjunction with as-yet unreleased systems software, which is being made available early to developers.) Microsoft will continue to upgrade the libraries over time.

Microsoft, as it normally does after a major developers conference, is also making all of its OLE conference materials and videotape available to ISVs and corporate developers. These will be available during April.

OLE Implementations

<this is part that should refute allegations of secret/advance knowledge. Is it solid? Does it sound defensive?>

During the eighteen-month gestation period for OLE, at least three implementations of OLE were released.

The first was in Microsoft PowerPoint. This product supported a subset of the OLE specification, based on the then-current state of the DDE Extensions, which had been in the hands of major ISVs for at least 12 months <true?>. PowerPoint is now being revised to bring it into full accord with the final specification.

In February of 1991, Excel 3.0 and Lotus Notes 2.0 shipped within one week of each other, both supporting OLE. Excel and Notes were derived from the final 1.0 OLE specification of 12/10/90, the most widely published specification.

At least one press report recently stated that OLE capabilities were "hard-wired" into Microsoft Excel before the OLE libraries were made available to the general ISV

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community. This report both misstates the issue and is inflammatory in tone since "hard-wired" in the development community implies both faster performance and secret "hooks" into the system.

What is true is this: OLE is a specification, a detailed technical guide for how to link and embed data in compound documents. Any and all PC developers have had the choice, at any time, of writing their own code to meet this specification. This is the only sense in which anyone can "hard-wire" code. The specification has been available to all other ISVs for the same period of time that it has been available to the groups within Lotus and the Microsoft applications division that chose to implement their own OLE code.

The Microsoft systems division committed to supplying system libraries for OLE to all ISVs because it would encourage applications development for Microsoft platforms. Most ISVs chose to wait for these libraries because of the amount of work it would save in a development effort. Any ISV with an imminent product release was free to implement OLE directly. That few chose to do so indicates that most ISVs saw a major benefit in getting the libraries from Microsoft rather than writing their own, since they could concentrate on other portions of their products in the meantime.

From kevine Mon Mar 25 16:11:15 1991

To: sysmkt

Cc: brucep dboone hanifaw jefft jonro raor richab richardb stevel tomhe
tomja tonyw winxteam

Subject: OLE information

Date: Wed Apr 29 16:57:13 PDT 1992

Date: Mon Mar 25 16:07:43 PDT 1991

Anyone inquiring about OLE should be directed to The Microsoft Connection on CompuServe for the latest OLE Specification. Please do not refer random ISVs to ISVMKT for information about OLE. Instead, direct ISVs and others to CompuServe for the latest OLE specification.

We have uploaded the most recent OLE specification, along with an application for participation in the Windows 3.1 Beta Program, and an application to purchase the OLE Technical Design Video Workshop.

The Specification is available in two places on CompuServe:

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WinMail 1.21

lynnra

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The Microsoft Software Library (GO MSL),
and the Microsoft Operating Systems Forum (GO MSOPSYS)

>From the CompuServe "!" prompt, type GO MSOPSYS
In the new uploads section, library 1, the file is called OLESPE.ZIP

Kevin

>From sherryr Mon Mar 25 15:15:33 1991
To: stevel
Cc: kevine sherryr tomhe
Subject: OLE information

Date: Mon Mar 25 15:05:30 1991

information on obtaining OLE specs and software is being posted
on 2 different forums on CompuServe. One private, on public
forum. I talked to folks about putting it in the PenWin forum
also and they felt it would be better to leave it centrally
located and just have you guys refer to it in the PenWindows
forum.

Kevine is supposed to be sending email out about accessing it.
I will forward it when I get it...but just in case I disappear, you
should followup with kevine directly.

From
mcimail?TO: _LYLEG#_ EMS: Micrografx# _MBX: MICROGRAFX/DEVELOPMNT/LYLEG
Mon Mar 25 18:15:37 1991
To: cameronm
Subject: Final OLE Libraries
Date: Wed Apr 29 16:57:21 PDT 1992

Date: Mon Mar 25, 1991 8:56 pm EST

From: LYLEG
EMS: Micrografx
MBX: MICROGRAFX/DEVELOPMNT/LYLEG
Handling: Charge: MICROGRAFXDEVELOPMNT, LETTER
Message-Id: 85910326015658/0004114862NB2EM

Cameron:

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Do you have any official word on when the OLE libraries will be generally
available?

It currently looks like the next release of Designer will not have OLE support because the libraries were not ready in time. We may ship Charisma with OLE support, depending on when we receive "final" libraries.

Thanks,
Lyle

From cameronm Mon Mar 25 18:53:56 1991
To: w-clairl w-collin
Cc: isvmkt
Subject: New OLE supporter
Date: Wed Apr 29 16:57:28 PDT 1992

Date: Mon Mar 25 18:53:45 PDT 1991

Columbia Software's Formbase 2.0 is now in beta with OLE support. Formbase is a Windows forms package and SQL retrieval front-end that is marketed by Xerox.

Cam

From arts Tue Mar 26 13:02:08 1991
To: alistair cameronm davidmck hanifaw tonyw viktorg
Subject: OLE Specification and Detail Package
Date: Wed Apr 29 16:57:28 PDT 1992

Date: Tue Mar 26 12:58:31 PDT 1991

I'm going down to Apple this Friday for another presentation to them about OLE. This time it's to their standards group who seem to be interested in learning more about OLE than other groups have been.

I want to leave the latest information with them about OLE that we have to hand out to developers of Windows applications as well as whatever we have put together for the Macintosh. Can I get copies from all of you of this material by end of day Thursday?

thx, Art

From tonyw Wed Mar 27 22:50:55 1991
To: cameronm viktorg w-collin
Subject: Re: FW: First cut at OLE history
Date: Wed Apr 29 16:57:28 PDT 1992

Date: Wed Mar 27 22:48:47 1991

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I think the history iss a good factual account. I have made a few

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notes where we may need to be careful that we can substantiate the claims.

For info, RickH is the lead developer in the Powerpoint group who started this effort to satisfy powerpoint's requirement to embed graphs. Rick worked closely with ViktorG and I from the beginning to ensure we ended up with a protocol that would be generally applicable. I believe the PEZ proposal from Rick Trent at Aldus happened approximately concurrently. Certainly, we were not aware of PEZ until after the DDE embedding proposal was well on the way. Note in passing: the PEZ proposal never went anywhere even within Aldus; it is not as if we killed it somehow by pre-empting it. From the beginning, Aldus realized that to be valuable, it had to be broadly endorsed.

The powerpoint development would have proceeded whether or not there were interest from other parties. It is a result of desire to create a useful broadly accepted standard that we have OLE as it is today.

I am not sure where this report is aimed, so I can't really say how the final rebuttal to the press report will sound. Perhaps if you could brief me on the purpose of the report and the context in which it will be read, I might be able to help more.

Notes follow:

| packages. OLE was developed over a period of more than two
| years with input and participation from hundreds of PC
| software developers, and more than 'x' developers are
| currently shipping or plan to ship products supporting OLE.

We have indeed made it available to hundreds of developers. The number who have given input is much less; probably less than 20. The number we have actually communicated with is less again, say 12.

Companies who I can recall getting interesting input from and/or talking to directly include

Lotus, Iris, Word Perfect, Aldus, Corel, MicroGrafx, IBM (multimedia)
Samna, HP (warning - New Wave issue is touchy)

Determining 'x' may be hard if it involves unannounced products.

| During the summer and fall of 1990, Microsoft incorporated
| the Intelligent Snapshot concepts under the specification
| and continued revising the specification while soliciting
| feedback from many other ISVs: Borland, Metaphor, Iris, etc.

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Can we substantiate that we actively solicited feedback from these ISVs?
(ViktorG is the guy who would know).

During the eighteen-month gestation period for OLE, at least three implementations of OLE were released.

The first was in Microsoft PowerPoint. This product supported a subset of the OLE specification, based on the then-current state of the DDE Extensions, which had been in the hands of major ISVs for at least 12 months <true??>. PowerPoint is now being revised to bring it into full accord with the final specification.

Note. At one of the Lotus/WP/Aldus/MS meetings in around April 1990 Richard Wolf expressed the desire to see an implementation of the proposed protocol in order to ascertain its feasibility and appropriateness.

I do not know how to do an implementation to demonstrate the effectiveness and convince people to pay attention, and yet not implement it before they do.

At least one press report recently stated that OLE capabilities were "hard-wired" into Microsoft Excel before the OLE libraries were made available to the general ISV community. This report both misstates the issue and is inflammatory in tone since "hard-wired" in the development community implies both faster performance and secret "hooks" into the system.

Right. The misleading part is the suggestion that somehow MS apps got code that they linked into their apps before it was available to others. This is entirely not the case. The code they shipped was all their own.

There may be some potential confusion about who implemented the code that will ship with win3.1. It should probably be seen as a Systems product, that has not been available to MS apps earlier than ISVs (this is true). The spec was done by apps, and has always been available equally to MS and ISVs, as recounted in the history.

Tony

From w-collin Thu Mar 28 08:11:13 1991
To: cameronm
Cc: alistair viktor
Subject: RE: First cut at OLE history - Part 1
Date: Wed Apr 29 16:57:43 PDT 1992

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Date: Thu Mar 28 07:55:09 1991

Your concerns are well-taken, Cam. Right now, my only goal is to build the real history, explain it as best we can, and then see how it looks. If nothing else, it may simply be an internal doc; or it may simply be "disintegrated" into a series of Q&A. If all of these fit together (PenW, OLE, windows, etc.), we might publish the whole set publicly. My own feeling is, probably not. Don't know if it would do anything except start up another round of "did they/didn't they" articles, which is not in our interest. But assuming it remains internal, we would still want everyone to be able to give good answers -- like immediately say, "Oh, yeah, OLE, we started working in '88 with ... "

collins

From kevine Thu Mar 28 14:07:05 1991
To: isvmkt
Subject: 67 downloads of the OLE Spec todate
Date: Wed Apr 29 16:57:50 PDT 1992

Date: Thu Mar 28 14:04:37 PDT 1991

As of this afternoon, the OLE spec has been downloaded from CompuServe by 67 people.

From w-collin Thu Mar 28 15:39:04 1991
To: cameronm viktorq
Cc: w-collin
Subject: Latest draft of OLE backgrounder
Date: Wed Apr 29 16:57:50 PDT 1992

Date: Thu Mar 28 15:20:56 1991

I inputed cam/tony/viktor's changes; I tightened up the "OLE implementation" section to make it more objective and less defensive (section on why Excel guys weren't cheating). 3 Q's remain, noted at start of text, if anyone can help. thx

<PPT OLE, based on DDE Extensions: need to confirm that other ISVs had the exts. for a year>

<need to address sys 7 and OS/2>

<need one-sentence explanation of "Intelligent Snapshot Drivers">

Object Linking & Embedding: A History

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Object Linking & Embedding (OLE) is a specification designed to simplify the exchange of data between different applications, effectively creating compound documents -- documents containing different types of data, such as text from word-processing documents, numerical data from spreadsheets, and graphical objects from 3D drawing packages. OLE was developed over a period of more than two years. In that time, it was made available to hundreds of independent software developers (ISVs), and about twenty actively submitted input. More than 50 ISVs plan to ship products supporting OLE in 1991. The evolution of OLE is a textbook example of how Microsoft works with developers -- those outside the company as well as those within its own applications group -- to produce a systems software standard that benefits all companies, including commercial developers and corporations during internal applications work.

Origins of OLE

OLE originated as ideas from several PC vendors about ways to extend the capability of the Dynamic Data Exchange (DDE) protocol in Windows and OS/2. The two seminal proposals came from the PowerPoint group within the Microsoft applications division and from Aldus with its "PEZ specification," both in 1988.

An initial specification called "DDE Extensions" was formalized in the summer of 1989 and was evangelized and distributed by Microsoft's OS/2 product group to ISVs during 1989 and 1990. This specification went to some 200 ISVs.

In the fall of 1989, Lotus Corporation suggested to Microsoft that the two companies work closely with a few others to finish the specification. Microsoft agreed. A task force was formed to revise the specification. The team consisted of senior developers from Lotus, WordPerfect, Aldus and the Microsoft applications architecture group. Three review meetings were held, one each in Cambridge, Orem, Utah, and Seattle. Out of these meetings came a more complete specification called the "extensible Compound Document Architecture" ("eCDA").

In early 1990, the Windows and Presentation Manager Association (WPMA), a trade association of Windows and OS/2 ISVs, met to discuss "DDE Extensions." At this meeting, Micrografx and Samna Corporation proposed their "Intelligent Snapshot drivers," which are <one-sentence summary>. At

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this same meeting, the Microsoft applications architecture group presented the work to date on eCDA, and updates to the eCDA specification were made available.

During the summer and fall of 1990, Microsoft incorporated the Intelligent Snapshot concepts under the specification and continued revising the specification. Many ISVs provided input, including: Borland, Metaphor, Iris, etc.

OLE: Final Adoption

At a press breakfast at fall Comdex in November 1990, Mike Maples, vice president of Microsoft applications, announced the OLE specification and did an OLE demonstration featuring Windows PowerPoint. PowerPoint shipped in the fall with OLE support based on the current state of the DDE Extensions then in the hands of major ISVs. At the same time, Microsoft began inviting the ISV community for a major developers conference to deliver the final OLE specification, scheduled December 10 at Microsoft.

In the first week of December, Darryl Rubin, a Microsoft software architect, did a series of meetings with industry press and analysts throughout the country to describe OLE in more detail, to do an OLE demonstration, and to explain how it fit in with Microsoft's vision of Information At Your Fingertips.

On December 10, Microsoft published the finished version 1.0 specification under the name "Object Linking & Embedding" at a free developer's conference for 230 ISVs. Microsoft also made available pre-release software tools for OLE in the form of high-level libraries and small sample Windows applications (applets) that supported OLE for testing purposes. Senior Lotus developers spoke at the conference along with Microsoft staff and demonstrated OLE in a pre-release version of Notes 2.0. This same day Microsoft released an announcement of OLE with supporting statements from Aldus, Borland, Lotus, Micrografx, and WordPerfect.

This long history of cooperation, review, and input was summarized in the preamble to the OLE specification, which states:

"The protocol defined in this specification was initiated by Rick Hawes of the Microsoft Applications Graphics Business Unit. Concurrently, a very similar protocol was proposed by Rick Trent of Aldus, called PEZ. This work [the 1.0

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specification] is a synthesis of the earlier proposals, refined and completed with the help of many people at Microsoft, Lotus, Aldus, and WordPerfect Corp. The original working title of the specification of this protocol was 'Linked and Embedded Documents.' Following review and comment, the working title was changed to 'Extensible Compound Document Architecture' with the intent to convey the nature and purpose of the specification. To avoid confusion with the acronym CDA which is owned by Digital Equipment Corporation, and to convey that the specification defines a protocol between application components, the title was changed to 'Compound Document Protocol.' Finally, we have decided to return almost to the beginning, and have settled on the current title [Object Linking & Embedding]."

Currently the specification is in a public forum on the CompuServe electronic bulletin board and on Microsoft's OnLine technical support system. The pre-release OLE libraries are going into a private forum for which people have to sign a non-disclosure form, but which is otherwise not restricted. (Non-disclosure is required because the library code works in conjunction with as-yet unreleased systems software, which is being made available early to ISVs.) Microsoft expects to complete the pre-release libraries by mid-year. ISVs will be allowed to ship these libraries with their applications, free of charge.

Microsoft, as it normally does after a major developers conference, is also making all of its OLE conference materials and videotape available to ISVs and corporate developers. These will be available during April. Order information is on the CompuServ forums.

OLE Implementations

Three products have shipped with OLE support, and another is in beta test.

The first to ship was Microsoft PowerPoint for Windows; it came from the Graphics Business Unit, which had initiated the OLE concept in 1988; the release was based on the then-current state of the DDE Extensions, which had been in the hands of major ISVs for at least 12 months. PowerPoint is now being revised to bring it into accord with OLE version 1.0.

In February of 1991, Excel 3.0 and Lotus Notes 2.0 shipped within one week of each other. Both supported OLE version

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1.0 of 12/10/90, the most widely published specification. Columbia Software's Formbase 2.0, now in beta, also includes support for OLE 1.0. Formbase is a Windows forms package and SQL retrieval front-end that is marketed by Xerox.

A survey of ISVs by Microsoft indicates that more than 50 will support OLE 1.0 this year.

A Specification Vs. Implementation

One press report recently stated that OLE capabilities were "hard-wired" into Microsoft Excel before the OLE libraries were made available to the general ISV community. This confuses the OLE specification with an actual implementation of code based on the specification.

The OLE specification is a detailed technical guide for how to link and embed data in compound documents. All ISVs have the choice of writing their own code to meet this specification. This is the only sense in which any ISV can "hard-wire" code, and what it means is more work for the ISV. Lotus and the Microsoft applications division chose to implement their own OLE code in order to meet product release dates. Other ISVs with an imminent product release had the same option; the specification was available to them for the same period of time.

Separately, the Microsoft systems division made a commitment to supply OLE system libraries to all ISVs in order to encourage applications development for Microsoft platforms. These libraries implement the OLE specification for ISVs. Though ISVs were free to go ahead with their own code at any time, most chose to wait for the libraries from Microsoft because of the amount of work it would save them in development.

OLE in Public Forum of CompuServe

The OLE specification is in a public CompuServe forum for downloading. It is also available through Microsoft OnLine. Along with the specification, people who download the files receive an order form for the materials and a video of the Dec. 10 OLE conference and an application and nondisclosure form for receiving the OLE libraries. The OLE libraries are in a private forum on CompuServe. Any developer willing to sign nondisclosure has access to the libraries.

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The specification is available in two places on CompuServe:
The Microsoft Software Library (CompuServe command
"GO MSL"), and the Microsoft Operating Systems Forum ("GO
MSOPSYS").

"Thought ISVs" should be "Though ISVs" 3 graphs up.

From hanifaw Fri Mar 29 15:23:56 1991
To: cameronm
Cc: arts gregw raor richardb tonyw viktorg w-collin
Subject: RE: FW: Thumbnail sketch of plans for Sys 7 and OS/2
Date: Wed Apr 29 16:58:27 PDT 1992

Date: Fri Mar 29 15:15:49 PDT 1991

OLE1.0 on OS/2 will be ported through WLO, it'll be
available when 3.1 ships.

OLE1.0 on Mac will be available in Oct/Nov timeframe.

Hanifa

>From tonyw Thu Mar 28 13:48:49 1991
To: arts hanifaw raor richardb
Subject: FW: Thumbnail sketch of plans for Sys 7 and OS/2
Date: Thu Mar 28 13:45:23 1991

>From cameronm Thu Mar 28 13:42:01 1991
To: tonyw viktorg w-collin
Cc: gregw
Subject: FW: Thumbnail sketch of plans for Sys 7 and OS/2
Date: Thu Mar 28 13:37:56 PDT 1991

Collins is with Waggener Edstrom and he is writing a whitepaper/Q&A
piece on OLE and wants to know dates for the OLE libraries on other
platforms - Mac and OS/2.

Can you guys provide anything more accurate than what we told
developer's in December?

Cam

>From w-collin Thu Mar 28 09:37:13 1991
To: cameronm
Subject: Thumbnail sketch of plans for Sys 7 and OS/2

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Date: Thu Mar 28 09:10:31 1991

Can you provide? I don't know dates for OS/2 (2.0? 3.0?), and I don't know the strat for Sys 7 -- how to explain notion of it sitting on top, what do we do if Apple puts similar/conflicting things into kernel, etc.

Can you do? or pass to viktor or tony if they're the right guys.

thx

Re: OLE.

From hanifaw Tue Apr 2 16:58:17 1991

To: appspm ledist syspm

Subject: ADL status for OLE - 4/1

Date: Wed Apr 29 16:58:34 PDT 1992

Date: Tue Apr 02 16:47:51 PDT 1991

PROJECT: Object Linking & Embedding (OLE)

CONTACT: Hanifa Winarko (Hanifaw)

OLE1.0 (Win)

	Current	Previous	Last Change
Date of Report	04/01/91	02/25/91	02/25/91
Spec by	done	done	10/29/90
Spec Update by	04/08/91	03/11/91	04/01/91
Schedule by	done	done	10/29/90
Beta Candidate	04/08/91	04/08/91	02/25/91
Final Beta	04/29/91	04/29/91	02/25/91
Golden (RTM)	06/03/91	---	04/01/91

Previous milestones:

release 1.0.1100 done(03/11/91)

Next milestones:

release 1.0.1200 04/08/91
(beta candidate)

Changes:

1. Addition of golden OLE 1.0 on 06/03/91.

Summary:

Current release (OLE1.0.1100, dated 3/11)

The latest OLE release is in \\medusa\public\ole\latest.

This release includes:

--name changes from Ecd_xxxx to Ole_xxxx

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lynnra

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- API, structure name changes for consistency
- more accurate error codes/messages
- network file support
- client-server sample app
- other bug fixes in the DLLs, shapes, cltest, applets.

Please read readme.txt for detailed info.

Internal support

For Microsoft internal, email to 'olepss' for any technical or implementation questions/issues.

Future releases

1. Rel 1.0.1200 (beta candidate) on 4/8 includes
 - Object Viewer / Packager
 - Handler enhancement
 - More bug fixes in OLE lib & applets
2. Rel 1.0.1300 (final beta) on 4/29 includes
 - Extensive testing & bug fixing
3. Rel 1.0.1400 (golden) on 6/3 to incorporate very critical bugs found during beta.

OLE 1.0 spec distribution

For external use, the latest OLE spec is currently on CompuServe public forum and Online. Along with it, there's also info on how to obtain OLE lib and to be OLE beta site. OLE lib is on CompuServe private forum and Online.

Please refer any external inquiries for OLE spec or any interests in OLE beta program to CompuServe.

OLE 1.0 beta program

OLE beta program is coordinated as part of Windows SDK Component beta program. Since Windows does not provide support during this SDK Component beta cycle, OLE beta support & feedback are still under consideration.

OLE 1.0 shipment

OLE 1.0 will be shipped as part of the SDK Component release, whose final release is scheduled for release to PRS on 6/14/91. OLE 1.0 will be shipped with Win3.1 & SDK (final) also.

ISV relations

ViktorG handles OLE evangelization among the topmost ISVs. Currently, there is no contact person for other unlisted ISVs other than info on CompuServe.

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WinWrite

Second pass of OLE implementation in WinWrite has completed.
Note that file format in WinWrite has changed due to OLE.

Remaining OLE work in WinWrite:

--complete work on Insert New, Properties, Unique Object
Names, Change/Update Links, real mode message, Object
display/selection/activate/update/printing.

--fix newly found OLE bugs

MelissMo is the program manager for WinWrite. Please
contact her for further information.

Mac OLE

Two experienced Mac developers came on board this month,
Allan McDaniel and Eric Oemig. We expect to have alpha
release in Q3'91. Schedules will be published by 5/3.

OLE 1.0 on OS/2

OLE will be ported via WLO to run on OS/2. It will be
available in the same timeframe as Win3.1 shipdate.
WLO plan to have single executables for all Windows DLLs,
including OLE.

OLE 1.1

We are working closely with Pen-Windows in developing OLE
extensions, while addressing immediate needs of NoteBook.
These feature extensions will be extended and standardized
in OLE 2.0.

OLE 2.0

OLE 2.0 preliminary plan (Draft) will be ready for internal
review next week.

MS OLE apps (customers)

The following is a list of Microsoft products with regard to
OLE. For more detail information, please contact HanifaW
or the listed contact person.

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MS Products currently supporting OLE

		L=Linking E=Embedding	Target RTM
Cirrus 1.0	MarkMo(dev),AdamB(pm)	cl:L/E, sv:L	12/31/91
EmbedDraw 1.0	LauraTi(pm)	sv:E	07/16/91
Excel 3.0	EdF(dev)	all (DDE)	shipped
NoteBook 1.0	LloydFr(pm)	all	11/21/91
PowerPoint 2.0	LauraTi(pm),RickH(dev)	cl:L/E (DDE)	shipped
Thunder(custom control)	AdamR(pm)	cl/sv:E	05/08/91
WinGraph 1.10	RebeccaS(pm)	sv:E (DDE)	05/31/91
WLO 1.1	DavidWo(pm),KenlynE(dev)	all	12/91

MS Products planning to support OLE

Audio Board	TonyGa(pm), BenM(dev)	sv	---
Bullet (Win Email)	JeffW (pm)	cl=:E	---
Conversions	KennW(pm)	all	---
GUI CBT Tools	IlgaJ(pm), Suryar(dev)	cl=:L/E	---
Font Effect	KarenFr(pm)	sv:L/E	5/91?
Help	HeikkiK(pm), RobertBu(dev)	TBD	---
LAN Man 3.0	RobP(pm)	OLE interface	
Macword 5.0	MariaSt(pm), DavidLu(dev)	all	08/30/91
Multimedia Windows	DavidMay(dev)	sv:L/E	---
PowerPoint3.0	LauraTi(pm), RickH(dev)	all	10/24/91
Probe (Q+E)	Mikep(pm), LowellT(pm)	all	---
Project 2.0	LoisO(pm)	all	12/20/91
Voodoo	KarenFr(pm)	cl:L/E	09/15/91
Win Scheduler (Bandit)	MaxB(dev), DavidGr(pm)	sv:L	---
WinGraph 2.0	RebeccaS(pm)	sv:E	05/31/91
WinWord 2.0	LarryTs(pm)	all	09/30/91
WinWorks 1.0 (WP)	TimWo(pm), Phaniv(dev)	cl:L/E	08/30/91

MS Products with no plan to support OLE

Barney	AaronG(pm)
SlapShot	GaryE(pm)

From w-collin Mon Apr 8 15:51:47 1991
 To: cameronm martyta
 Cc: w-collin
 Subject: Proposed letter to Infoworld
 Date: Wed Apr 29 16:58:56 PDT 1992

Date: Mon Apr 8 15:32:01 1991

Cam -- you gotta tell us this is all true to a fault ... we don't want some ISV to write in a week later and blow us out of the water. Look for general tone and also how to tighten. Marty would want to send this out this week in his name, or possibly Steveb's.

To the Editor:

I wanted to respond to Stuart Johnston's article in the March 11, 1991, issue of Infoworld. It says that some competitors are complaining that Microsoft had a headstart in implementing Object Linking and Embedding (OLE) technology in its applications, citing both PowerPoint for Windows and Excel for Windows as examples. In particular, the article says that Microsoft "hardwired" OLE capability

X 547099
 CONFIDENTIAL

into Excel before making the technology available to other independent software developers (ISVs).

The article confuses the OLE specification, which has been in review with outside software developers for two years,

I WOULD SAY OVER ONE YEAR, EARLY VERSIONS OF THE SPEC, THE ORIGINAL "DDE EXTENSIONS" WERE FAIRLY DIFFERENT FROM OLE 1.0.

with the actual writing of the code to implement OLE, which could have been done by any software developer once the specification reached reasonably final form. The evolution of OLE, in actuality, is a textbook example of how Microsoft works with ISVs to produce systems software that benefits all companies and ultimately, end users.

In 1988, the Microsoft PowerPoint group and Aldus Corporation independently proposed similar extensions to the Dynamic Data Exchange (DDE) in Windows and OS/2. An initial specification called "DDE Extensions" was formalized in the summer of 1989 and was distributed and evangelized by Microsoft's systems division to ISVs during 1989 and 1990. This specification went to some 200 ISVs.

In the fall of 1989, a working group from Aldus, Lotus, Microsoft, and WordPerfect developed a more complete specification called the "extensible Compound Document Architecture" ("eCDA") -- the name was later abandoned. In early 1990, when the Windows and Presentation Manager Association (WPMA) met to discuss the original "DDE Extensions," Micrografx and Samna Corporation proposed additional technology called "Intelligent Snapshot drivers," and Microsoft presented the new work on eCDA.

>From these proposals, the Microsoft systems division modified the original "DDE Extensions" specification during the summer and fall of 1990. Many ISVs provided additional input, including Borland, Metaphor, Iris, and others. On December 10, 1990, Microsoft published the finished version 1.0 specification under the name "Object Linking & Embedding" at a free developer's conference for 230 ISVs. Microsoft also made available pre-release software tools for OLE in the form of high-level libraries and small sample Windows applications (applets) that supported OLE for testing purposes. This same day Microsoft formally announced OLE with support from Aldus, Borland, Lotus, Micrografx, and WordPerfect.

X 547100
CONFIDENTIAL

PowerPoint shipped in the fall of 1990 with limited OLE

capabilities based on the earlier "DDE Extensions" specification, which had been in the hands of major ISVs for at least a year. Any other ISV could have incorporated the same capabilities by writing code to meet the specification.

In February of 1991, Microsoft Excel 3.0 and Lotus Notes 2.0 shipped within one week of each other; a short time later, Columbia Software's Formbase 2.0 went into beta. All three of these products are based on OLE version 1.0 of 12/10/90, the most widely published specification.

In all three cases, the developers chose to implement their own code to meet the specification. Any other ISV could have done the same thing. Most ISVs chose the option of waiting for the Windows OLE libraries from the Microsoft's systems division rather than implementing their own code.

[dropping this following bit makes the letter sound less defensive; take a close look.]

Any ISVs claiming that they were not able to begin writing OLE-compliant applications until they had the libraries are misstating the facts or not aware of the history. The OLE specification was made available to hundreds of developers for more than two years, and about twenty actively submitted input. ISVs had the specification in plenty of time to include OLE capabilities in recent product releases, and at least two companies other than Microsoft have done so in the same timeframe as Microsoft. More than 50 ISVs plan to ship products supporting OLE in 1991.

Sincerely,

Marty Taucher
etc.

From cameronm Mon Apr 8 16:57:30 1991
To: martyta tonyw viktorg w-collin
Subject: RE: Proposed letter to Infoworld
Date: Wed Apr 29 16:59:11 PDT 1992

Date: Mon Apr 08 16:57:12 PDT 1991

Viktor and Tony please review and reply.

My feedback:

X 547101
CONFIDENTIAL

I would agree about dropping the last paragraph. It's a little too defensive and aggressive.

I would also stress up front (in Paragraph #1) that Lotus delivered OLE on exactly the same timeframe we did in Excel 3.0. This is the best example we have of equality.

Any response to this letter will say something like, "Well, MS may have shared it with the big companies like Lotus but poor little ISVs didn't get the spec." And, of course we obviously did not drop copies from airplanes, nor did we give it to every single ISV on the planet, so, you might argue people were left out. But, we can say that we gave out the specification to ALL INTERESTED PARTIES. The early spec and "Extensions" were part of every seminar and workshop we did (totally true) and that our work appeared in the press (both PC Week and InfoWorld well before the final spec, so if ISVs were truly interested they did know about it and could have contacted, and if they had, they would have rec'd the early spec. We didn't force it down people's throats, but if they wanted it, they could have easily gotten it.

Thanks,
Cam

>From w-collin Mon Apr 8 15:51:47 1991
To: cameronm martyta
Cc: w-collin
Subject: Proposed letter to Infoworld

Date: Mon Apr 8 15:32:01 1991

Cam -- you gotta tell us this is all true to a fault ... we don't want some ISV to write in a week later and blow us out of the water. Look for general tone and also how to tighten. Marty would want to send this out this week in his name, or possibly Steveb's.

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X 547102
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I THINK IT'S ALSO IMPORTANT TO SAY THAT WE GAVE OUT THE PRELIMINARY SPECIFICATIONS TO MORE THAN 100 ISVs, AND THAT OUR FREE DEVELOPERS WAS ATTENDED BY 230 ISVs.

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X 547103
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Sincerely,

Marty Taucher
etc.

From tonyw Thu Apr 11 15:14:26 1991
To: alistair cameronm davidcol lecore lisacr markwa olepss viktorg
Cc: brucep richardb
Subject: OLE name reminder
Date: Wed Apr 29 16:59:33 PDT 1992

Date: Thu Apr 11 15:12:07 1991

X 547104
CONFIDENTIAL

There is an article in Computer Reseller News that points out that OLE is a trademark held by someone in the PC software business. Attached below is a piece of mail describing how to avoid trademark

WinMail 1.21

lynnra

Wed Apr 29 16:47:44 1992

Page: 99

From tomd Wed Apr 24 13:10:08 1991
To: cameronm
Cc: tomb
Subject: OLE 2.0
Date: Wed Apr 29 16:59:55 PDT 1992

Date: Wed Apr 24 13:03:54 PDT 1991

In a meeting with Billg yesterday he mentioned that you were organising the OLE conference in Aug. Please keep me informed about your plans since we (silver group) are proposing a significant extension to the OLE spec to support command recording.

We will probably be ready to circulate our extension API specification before the aug meeting so we should carefully coordinate.

thanks
tom

From viktorg Wed Apr 24 16:29:58 1991
To: darrylr edwardj gregw hanifaw tonyw
Cc: cameronm
Subject: Re: HP New Wave
Date: Wed Apr 29 16:59:55 PDT 1992

Date: Wed Apr 24 16:29:37 1991

Super!
I think they are willing to be very public about OLE support, including press release etc.

I will work with Rao on getting source code.
I will work separately on an appropriate source license, including "do not port" stipulation

thx, viktor

|>From darrylr Wed Apr 24 13:24:24 1991
|To: edwardj gregw hanifaw tonyw viktorg
|Cc: cameronm
|Subject: Re: HP New Wave
|Date: Wed Apr 24 12:23:25 PDT 1991

X 547105
CONFIDENTIAL

|We should go ahead and give hp the ole sources in exchange for their vocal support of ole. Both Mike and Bill agree with this. Bill also said that we do NOT want hp to port ole to unix or other

|platforms...we'll need to make this a restriction of how they can
|use the source.
|

From kevine Wed May 1 14:26:22 1991

To: cameronm tamia

Cc: isvmkt

Subject: Form Letter for people wanting access to the OLE Beta
Libraries

X-Attach: OLEBETA.DOC

Date: Wed Apr 29 17:00:02 PDT 1992

Date: Wed May 01 14:21:46 PDT 1991

Attached to this email is the document OLEBETA.DOC

This document is the "form" that you can mail, fax, whatever..., to
anyone interested in getting into the OLE Beta Library Program.

Once the interested party returns the completed document to "The
Microsoft Windows Beta Program", janineh will evaluate their application,
probably approve them, send them the libraries on disk, and if the party
gave us their CompuServe ID, they will get access to the WINBTDEV forum
on CompuServe.

PLEASE extract the file OLEBETA.DOC and use as appropriate.

Kevin

From

mcimail?TO: LYLEG# EMS: Micrografx# MBX: MICROGRAFX/DEVELOPMNT/LYLEG

Wed May 1 15:23:05 1991

To: alistair cameronm tonys

Cc: mcimail? CC: BOBGU# EMS: Micrografx# MBX: MICROGRAFX/DEVELOPMNT/BOBGU

Subject: OLE

Date: Wed Apr 29 17:00:03 PDT 1992

Date: Wed May 01, 1991 2:02 pm EST

From: LYLEG

EMS: Micrografx

MBX: MICROGRAFX/DEVELOPMNT/LYLEG

Handling: Charge: MICROGRAFXDEVELOPMNT, LETTER

Message-Id: 41910501190214/0004114862NB3EM

Alistair,

X 547106
CONFIDENTIAL

Charisma 2.1 masters are scheduled for delivery on Friday, May 24th. Linking

WinMail 1.21

lynnra

Wed Apr 29 16:47:44 1992

Page: 103

and embedding are fully implemented. If we can get final code for the OLE server DLL by Monday, May 20th we will be able to include it with Charisma. Otherwise, we'll have to drop it from the release.

Is there any chance we can get the final OLE server DLL by May 20th?

Lyle

From hanifaw Thu May 2 12:58:07 1991
To: cameronm gregw richardb
Cc: alistair raor tonyw viktorg
Subject: RE: FW: OLE
Date: Wed Apr 29 17:00:10 PDT 1992

Date: Thu May 02 12:51:40 PDT 1991

I talked to Alistair and conveyed all the info needed.
We can't have final OLE 1.0 by May 20, but we do have a solid beta now.

Hanifa

>From richardb Thu May 2 09:51:03 1991
To: gregw
Cc: hanifaw viktorg
Subject: FW: OLE

Date: Wed May 01 09:47:26 1991

VictorG will handle this. He is dealing with ISV relations for MicroGrafx and other high priority ISVs.

Rich...

>From gregw Wed May 1 16:33:24 1991
To: hanifaw
Cc: raor richardb
Subject: FW: OLE
Date: Thu Apr 18 05:01:05 1991

X 547107
CONFIDENTIAL

You should follow up on this with CameronM and Micrografix.

>From cameronm Wed May 1 16:23:38 1991
To: gregw tonyw viktor
Subject: FW: OLE
Date: Wed May 01 16:22:48 PDT 1991

Is there any chance we can make this date for final OLE code? I'd really hate to miss getting OLE in Charisma.

Cam

>From
mcimail?TO: LYLEG# EMS: Micrografx# MBX: MICROGRAFX/DEVELOPMNT/LYLE
G Wed May 1 15:23:05 1991
To: alistair tonys cameronm
Subject: OLE

>From: LYLEG
EMS: Micrografx
MBX: MICROGRAFX/DEVELOPMNT/LYLEG
Handling: Charge: MICROGRAFXDEVELOPMNT, LETTER
Message-Id: 41910501190214/0004114862NB3EM

Alistair,

Charisma 2.1 masters are scheduled for delivery on Friday, May 24th. Linking and embedding are fully implemented. If we can get final code for the OLE server DLL by Monday, May 20th we will be able to include it with Charisma. Otherwise, we'll have to drop it from the release.

Is there any chance we can get the final OLE server DLL by May 20th?

Lyle

From alistair Thu May 2 13:21:16 1991
To: uunet!mcimail.com!micrografx/developmnt/lyleg%micrografx
Cc: cameronm hanifaw
uunet!mcimail.c
om!micrografx/de
velopmnt/bobgu@m
icrografx viktor
g
Subject: Final OLE by May 20th for Micrografx
Date: Wed Apr 29 17:00:17 PDT 1992

X 547108
CONFIDENTIAL

Date: Thu May 02 13:21:14 1991

Well, your email has done the rounds - Sadly, I was right - we just won't be able to ship something that we'd call final OLE libraries by May 20th, but we do believe that our current beta is pretty high quality, and hope that you'd still consider shipping with OLE functionality.

Hanifa has explained to me that there are still outstanding bugs, some of which are in Windows rather than in the OLE libraries. Apparently there have been some workarounds suggested, though these are not ideal for you.

If there are specific fixes that could reasonably be made which will affect your decision to ship or not to ship, then I know the developers would want to make them, and deliver an intermediate beta to Micrografx.

Alistair.

>From hanifaw Thu May 2 12:58:07 1991
To: cameronm gregw richardb
Cc: alistair raor tonyw viktorg
Subject: RE: FW: OLE
Date: Thu May 02 12:51:40 PDT 1991

I talked to Alistair and conveyed all the info needed.
We can't have final OLE 1.0 by May 20, but we do have a solid beta now.

>From richardb Thu May 2 09:51:03 1991
To: gregw
Cc: hanifaw viktorg
Subject: FW: OLE
Date: Wed May 01 09:47:26 1991

VictorG will handle this. He is dealing with ISV relations for MicroGrafx and other high priority ISVs.

>From gregw Wed May 1 16:33:24 1991
To: hanifaw
Cc: raor richardb
Subject: FW: OLE
Date: Thu Apr 18 05:01:05 1991

You should follow up on this with CameronM and Micrografx.

>From cameronm Wed May 1 16:23:38 1991

X 547109
CONFIDENTIAL

||| To: gregw tonyw viktorg
||| Subject: FW: OLE
||| Date: Wed May 01 16:22:48 PDT 1991

||| Is there any chance we can make this date for final OLE code? I'd
||| really hate to miss getting OLE in Charisma.

||| >From mcimail?TO:LYLEG#EMS:Micrografx#MBX:MICROGRAFX/DEVELOPMNT/LYLEG Wed
May 1 15:23:05 1991

||| To: alistair tonys cameronm

||| Charisma 2.1 masters are scheduled for delivery on Friday, May 24th.

Linking

||| and embedding are fully implemented. If we can get final code for the OLE
||| server DLL by Monday, May 20th we will be able to include it with Charisma.
||| Otherwise, we'll have to drop it from the release.

||| Is there any chance we can get the final OLE server DLL by May 20th?

||| Lyle

From hanifaw Thu May 2 15:47:55 1991

To: cameronm

Cc: alistair raor tonyw viktorg

Subject: RE: FW: OLE

Date: Wed Apr 29 17:00:32 PDT 1992

Date: Thu May 02 15:38:42 PDT 1991

We'll deliver to Windows on Jun 3.

Windows will package it and ship whenever Windows is ready.

>From cameronm Thu May 2 14:57:07 1991
To: hanifaw
Cc: alistair raor tonyw viktorg
Subject: RE: FW: OLE

Date: Thu May 02 14:54:42 PDT 1991

So what is the date we will be final?

Cam

>From hanifaw Thu May 2 12:58:07 1991
To: cameronm gregw richardb
Cc: alistair raor tonyw viktorg
Subject: RE: FW: OLE

X 547110
CONFIDENTIAL

Date: Thu May 02 12:51:40 PDT 1991

I talked to Alistair and conveyed all the info needed.
We can't have final OLE 1.0 by May 20, but we do have a
solid beta now.

Hanifa

>From richardb Thu May 2 09:51:03 1991
To: gregw
Cc: hanifaw viktorg
Subject: FW: OLE

Date: Wed May 01 09:47:26 1991

VictorG will handle this. He is dealing with ISV relations for
MicroGrafx and other high priority ISVs.

Rich...

>From gregw Wed May 1 16:33:24 1991
To: hanifaw
Cc: raor richardb
Subject: FW: OLE
Date: Thu Apr 18 05:01:05 1991

You should follow up on this with CameronM and Micrografix.

>From cameronm Wed May 1 16:23:38 1991
To: gregw tonyw viktorg
Subject: FW: OLE
Date: Wed May 01 16:22:48 PDT 1991

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really hate to miss getting OLE in Charisma.

Cam

>From

mcimail?TO: _LYLEG#_ EMS: _Micrografx#_ MBX: _MICROGRAFX/DEVELOPMNT/LYLE

G Wed May 1 15:23:05 1991
To: alistair tonys cameronm

X 547111
CONFIDENTIAL

Subject: OLE

>From: LYLEG

EMS: Micrografx

MBX: MICROGRAFX/DEVELOPMNT/LYLEG

Handling: Charge: MICROGRAFXDEVELOPMNT,LETTER

Message-Id: 41910501190214/0004114862NB3EM

Alistair,

Charisma 2.1 masters are scheduled for delivery on Friday, May 24th.

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server DLL by Monday, May 20th we will be able to include it with Charisma.

Otherwise, we'll have to drop it from the release.

Is there any chance we can get the final OLE server DLL by May 20th?

Lyle

From raor Mon May 6 09:01:48 1991

To: cameronm gregw tonyw

Cc: alistair darrylr davidcol hanifaw jonl richardb

Subject: Re: Final OLE Library timing

Date: Wed Apr 29 17:00:47 PDT 1992

Date: Mon May 06 08:52:30 1991

Right now, the OLE librraies are very solid. As of today, we have just one bug and that is some odd behaviour with win 3.1, which we will be tracking today. I feel very confortable in allowing MGX to ship the beta libs (I do not know what arrangements have to be made to ship these).

MGX seem to be pretty happy with what thay have. But, MGX has the tendency to create noise so we have to be careful in dealing with them. My recommendation is to let them ship the release what we will be making sometime next week. (This will be the last releasew before the final).

--rao

X 547112
CONFIDENTIAL

>From cameronm Sun May 5 22:22:45 1991
To: gregw tonyw
Cc: alistair darrylr davidcol jonl raor
Subject: Final OLE Library timing
Date: Sun May 05 22:21:04 PDT 1991

Micrografx is going to drop OLE from their upcoming release of Charisma if they cannot get the final OLE server library by May 20th. Given that our final date is not long after that (June 3rd) I'd like to make a final appeal to see if we can get the final OLE server library to Micrografx any sooner.

We are also putting pressure on Micrografx to delay beyond the 20th but so far they are saying they can't delay until June 3rd.

Perhaps we can meet them halfway?

If we miss getting this in Charisma now they will not add OLE until sometime next year. It'd be really nice to get ISVs to ship. Is there anything we can do to suck the date in at all? It would give us a fair chance of getting Micrografx to wait past the 20th.

Thanks,
Cam

>From hanifaw Thu May 2 15:47:55 1991
To: cameronm
Cc: alistair raor tonyw viktorq
Subject: RE: FW: OLE

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>From hanifaw Thu May 2 12:58:07 1991
To: cameronm gregw richardb
Cc: alistair raor tonyw viktorq
Subject: RE: FW: OLE

Date: Thu May 02 12:51:40 PDT 1991

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X 547113
CONFIDENTIAL

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Cc: hanifaw viktorg
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mcimail?TO: _LYLEG#_ EMS: _Micrografx#_ MBX: _MICROGRAFX/DEVELOPMNT/LYLE

G Wed May 1 15:23:05 1991
To: alistair tonys cameronm
Subject: OLE

>From: LYLEG
EMS: Micrografx
MBX: MICROGRAFX/DEVELOPMNT/LYLEG

X 547114
CONFIDENTIAL

Handling: Charge: MICROGRAFXDEVELOPMNT, LETTER
Message-Id: 41910501190214/0004114862NB3EM

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Lyle

From jonl Mon May 6 09:48:16 1991
To: cameronm
Subject: OLE 2.0
Date: Wed Apr 29 17:01:09 PDT 1992

Date: Mon May 6 09:44:16 1991

Let's go ahead and schedule a "low-key" meeting on OLE 2.0.

- I don't think this should be the inauguration of the "design previews"
- Maybe we can tie this with an exploration of OLE 1.0
- We need to figure out when documents can be circulated for review and then let's get an early date.

From alistair Mon May 6 19:01:58 1991
To: darrylr hanifaw
Cc: cameronm davidcol gregw jonl raor richardb timbr tonyw viktorg
Subject: FYI: Micrografx WILL ship with OLE
Date: Wed Apr 29 17:01:09 PDT 1992

Date: Mon May 06 19:01:50 1991

As below, Lyle Griffin has decided to ship with OLE.

X 547115
CONFIDENTIAL

WinMail 1.21

lynnra

Wed Apr 29 16:47:44 1992

Page: 112

>From uunet!mcimail.com!MICROGRAFX/DEVELOPMNT/LYLEG%Micrografx Mon May 6
11:06:21 1991

>From: LYLEG <uunet!mcimail.com!MICROGRAFX/DEVELOPMNT/LYLEG%Micrografx>
To: alistair <microsoft!alistair>
Cc: cameronm <cameronm>
Cc: viktorg <viktorg>
Subject: OLE final date

Alistair,

Thanks for the info on the OLE release date. We have decided to include OLE server support with Charisma 2.1, provided we can be reasonably sure of the following:

1. No API changes will be made to the OLE server DLL after May 20th.
2. Changes made to the server DLL will not break Charisma.

We'll work with Hanifa on these.

Thanks,
Lyle

From tomb Wed May 8 20:28:07 1991
To: cameronm viktorg
Cc: andys
Subject: Re: OLE 2 and evangelism
Date: Wed Apr 29 17:01:16 PDT 1992

Date: Wed May 08 20:26:41 1991

We finally have a draft of the paper ready that we would like to publish externally. Can we arrange a time to go over it with you folks, after you review it? How's Friday on your schedules?

>From tomb Tue Apr 23 23:18:27 1991
To: cameronm viktorg
Cc: andys
Subject: OLE 2 and evangelism
Date: Tue Apr 23 23:18:25 1991

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We're finally getting the first formal part of our programmability pitch ready for outside consumption, and Billg mentioned today that we should be careful about how we claim integration with the OLE 2.0 spec and how that will be "officially" publicized with lots of external input.

Could I get you guys to review our pitch and sanity-check it for us so we don't stomp on a bunch of sensitive PR issues with this pitch?

Anytime Wed. pm is fine for me.

thanks,
tom

From tom@ Thu May 9 09:18:42 1991
To: cameronm
Cc: chasst@tom@
Subject: June OLE 2.0 meeting plans
Date: Wed Apr 29 17:01:23 PDT 1992

Date: Thu May 09 09:11:47 PDT 1991

Chasst asked me to contact you about your plans for a meeting in June with ISVs to discuss OLE 2.0. Since we are planning to propose extensions to the OLE API to support application command recording and programmability, I need to know what, if anything, we should be prepared to say.

We have released an early version of our implementor's guide to MS internal developers for review (especially to improve the readability) and want to release to a select number of ISVs within the next 60 days. Does it make sense to coordinate this with you?

thanks
tom

From hanifaw Thu May 9 14:23:41 1991
To: davidcol
Cc: cameronm richardb viktor@
Subject: Re: Final OLE Library timing
Date: Wed Apr 29 17:01:24 PDT 1992

Date: Thu May 09 14:14:48 PDT 1991

>From davidcol Tue May 7 22:54:50 1991
To: hanifaw
Cc: cameronm viktor@
Subject: Re: Final OLE Library timing

Date: Tue May 7 22:52:17 1991

You honestly think this is enough beta testing

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to judge whether the OLE libraries are shipable
or not?

We don't view beta as shipable (golden is shipable and golden occurs when SDK ships). As of today, MGFX is the only ISV wants to ship before we're golden. I am not encouraging MGFX to ship with beta codes (however, they should use and test it).

Since OLE is part of Windows, we believe Windows should decide how to handle MGFX. We'll be happy to support your decision. In my May 6 email (attached below), I indicated that we want to test as much as we can and shouldn't move our golden release date any earlier.

However, in answer to your question regarding OLE stability, Ole appears to be very stable based on the following:

--testing statistics: bug status, as of today

- ** 2 outstanding DLL bugs (notification, UI support)
- ** 18 total in applets/test apps/sample apps/windows
- ** bug rate is 2-5 DLL bugs/week (not major),
fix rate is the same

--Lotus-Samna, Micrografix have been using/testing it.
Only 1 bug reported by Micrografix (it's Windows bug, not OLE).

--it's been tested with the following apps (in-house)

Applets:	Apps:	Demo Apps:	Test Apps:
Cardfile	Wingraph	oledemo	Shapes
Write	Excel	oledemoc	
miShapes			
Pbrush	PowerPoint		srtest
Packager	WinDraw		cltest
	Notes (until 4.8)		

--WinWorks, Cirrus, WinWord have implemented OLE and currently have only 1 outstanding bug.

--Excel, PowerPoint, WinGraph, WinDraw, Lotus Notes though not using the DLLs, have been testing against OLE lib.

--The number of apps actively implementing and testing OLE that will ship before Win 3.1 is relatively small.

I'll drop off the bug statistics later. Thanks!

Hanifa

I don't think so. We are taking a

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VERY big risk letting microgrphx ship the in
their current shape.

>From hanifaw Tue May 7 12:24:41 1991
To: davidcol
Subject: Re: Final OLE Library timing
Date: Tue May 07 12:17:58 PDT 1991

These are the ISVs our group sent materials to:
--Micrografix
--Iris
--Lotus Samna
--Aldus

Janine has the list of all the other ISVs obtaining
the libraries through the CompuServe. I don't have the
up-to-date list.

Thanks.

Hanifa

>From davidcol Mon May 6 22:17:36 1991
To: hanifaw
Subject: Re: Final OLE Library timing
Date: Mon May 6 22:16:39 1991

exactly who has been using the OLE libraries
outside of MS?

>From hanifaw Mon May 06 12:56:31 1991
To: cameronm alistair
Cc: darrylr jonl richardb timbr davidcol gregw raor tonyw
Subject: Re: Final OLE Library timing

I understand the situation with Micrografix, and have been
trying to juggle things around. The two alternatives are:

- 1) Let MGFX ship with the beta, make sure they implement the
version check, and upgrade to the later version as it becomes
available.
- 2) Wait until May 31. We can send them the OLE package (with
shell.dll and regload.exe) on May 30 so they can have it by
May 31.

We need to allow enough time to test our beta release, we

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can't move our final release date much earlier. OLE also has close dependency on shell.dll and regload.exe from Windows, which will have to be coordinated.

This beta version is quite stable, it hasn't changed much from the previous release (4/8). People have been using it quite extensively and have been quite happy with it. The final release will have a few more bug fixes which I don't believe will affect MGFX.

We should encourage MGFX to use the beta version (which they should've gotten by now) and see if they're happy with it.

Hanifa

>From davidcol Mon May 6 11:00:49 1991
To: cameronm gregw raor tonyw
Cc: alistair darrylr hanifaw jonl richardb timbr
Subject: Re: Final OLE Library timing

Date: Mon May 6 10:55:50 1991

Please make sure they are version stamped appropriately and instruct MGRX to check the version numbers before copying the things over. Very soon there will be "more" solid version around and I don't want them stomping on the good ones.

I don't mean to question anyone's judgement of being OLE being solid or not, just that my experience tells me you never know until it's been in beta for a month or so.

From w-clairl Fri May 10 20:22:42 1991
To: billg cameronm jonl msftpr steveb viktorg
Cc: darrylr mikemap scotto w-clairl
Subject: HP announces support for OLE
Date: Wed Apr 29 17:01:46 PDT 1992

Date: Fri May 10 20:16:25 1991

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On Tuesday next week HP will issue a release that says they will support OLE in future releases of NewWave. They pre-briefed CSN, PC Week and Infoworld so there will be stories in each publication on Monday. There is a Microsoft quote in the HP release that says HP support for OLE is a win for software developers and customers, that there is now a single way to provide linking and embedding under

Conversions	KennW(pm)	all	---
Excel 4.0	JonDe(dev)	all	6/92
GUI CBT Tools	IlgaJ(pm), Suryar(dev)	cl:L/E	---
Font Effect	KarenFr(pm)	sv:L/E	5/91?
Help	HeikkiK(pm), RobertBu(dev)	TBD	---
LAN Man 3.0	RobP(pm)	OLE interface	
Macword 5.0	MariaSt(pm), DavidLu(dev)	all	08/30/91
Probe (Q+E)	Mikep(pm), LowellT(pm)	all	---
Project 2.0	LoisO(pm)	all	12/20/91
Win Scheduler (Bandit)	MaxB(dev), DavidGr(pm)	sv:L	---
WinWord 1.1.J(Japan)	OsamuA(pm), YoshiM(dev)	cl:L/E	10/31/91

MS Products with no plan to support OLE

Barney	AaronG(pm)
SlapShot	GaryE(pm)

From hanifaw Tue Jun 18 17:04:46 1991
 To: appsdm appspm ledist syspm
 Subject: ADL status for OLE - 6/18
 Date: Wed Apr 29 17:02:23 PDT 1992

Date: Tue Jun 18 16:53:04 PDT 1991

PROJECT: Object Linking & Embedding (OLE)
 CONTACT: Hanifa Winarko (hanifaw)

OLE1.0 (Win)

	Current	Previous	Last Change
Date of Report	06/18/91	04/01/91	06/10/91
Spec by	done	done	10/29/90
Doc Update by	done	04/08/91	04/01/91
Schedule by	done	done	10/29/90
Beta Candidate	done	04/08/91	02/25/91
Final Beta	done	04/29/91	02/25/91
Golden	done	06/03/91	04/01/91

Previous milestones:
 release 1.0.1700 (golden) done (06/13/91)

Next milestones:
 TBD

Changes:
 OLE golden was done on 6/13/91.
 Win SDK disk was built on 6/17/91.
 New program manager is Heikki Kanerva.

Summary:

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OLE 1.0 Golden

OLE 1.0 is shipped with Windows SDK beta I on Jun 17, 91.
Even though these components are shipped as part of the SDK
beta, OLE 1.0, shell.dll and regload.exe are shippable and
can be licensed by ISVs to ship with their products.

Internally, OLE document, DLLs, and sample codes can be found on
\\medusa\public\ole\latest and also on
\\toolsvr\tools\AppLibs\Ole\Latest

Please contact TimBr, WinSDK program manager for more info
on shell.dll and regload.exe.

OLE 1.0 Upgrade releases

Upgrades releases will be planned until Win 3.1 ships.
These upgrades should include major bug fixes only, and not
feature/function requests.

Internal support

For Microsoft internal, email to 'olepss' for any technical
or implementation questions/issues.

OLE 1.0 spec

ole.doc in \\medusa\public\ole\latest\doc is the most
up-to-date documentation for OLE 1.0. Any errors or
inconsistencies will be corrected for the next SDK release.

Mac OLE

OLE 1.1

OLE 2.0

Information or spec on these products can be requested
via HeikkiK.

MS OLE apps (customers)

MS Products implemented OLE	Contact Persons	L=Linking E=Embedding	Target RTM
Excel 3.0	RebeccaS(pm), EdF(dev)	all (DDE)	shipped
PowerPoint 2.0	LauraTi(pm), TuanN(dev)	cl:L/E (DDE)	shipped

MS Products currently implementing OLE (coding in progress)

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	Contact		
Bullet (Win Email)	JeffW(pm)	cl:E	12/30/91
Cirrus 1.0	AdamB(pm), MarkMo(dev)	cl:L/E, sv:L	1/31/92
EmbedDraw 1.0	LauraTi(pm), TuanN(dev)	sv:E	07/16/91
Font Effect	KarenFr(pm)	sv:L/E	09/15/91

WinMail 1.21

lynnra

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Macword 5.0	MariaSt(pm),DavidLu(dev)	all	08/30/91
Math Equation Editor	LarryTs(pm)	sv:E	
07/17/91			
NoteBook 1.0	WinkT(pm),PaulK(dev)	all	11/21/91
PowerPoint 3.0	LauraTi(pm),RickH(dev)	all	02/28/92
Sound Recorder(MMWin)	RusselJ(pm),DavidMay(dev)	sv:L/E	07/08/91
VB(custom ctrl)	AdamR(pm),ScottFe(dev)	cl:E	09/30/91
Voodoo	KarenFr(pm),Edmar(dev)	cl:L/E	09/15/91
WinGraph 3.0	RebeccaS(pm)	sv:E (DDE)	09/15/91
MacGraph 3.0	RebeccaS(pm)	sv:E (DDE)	11/01/91
WinGraph 3.1 FE	RebeccaS(pm)	sv:E (DDE)	02/15/92
WinWord 2.0	LarryTs(pm),JayB(dev)	all	09/30/91
WinWord 1.1.J(Japan)	OsamuA(pm),YoshiM(dev)	cl:L/E	10/31/91
WinWorks 1.0 (WP)	TimWo(pm),Phaniv(dev)	cl:L/E	08/30/91
WinWorks 1.0 (SSheet)	TimWo(pm),PaulKle(dev)	sv:L/E	
08/30/91			
WinWorks 1.0 (Chart)	TimWo(pm),PaulKle(dev)	sv:L/E	08/30/91

MS Products planning to implement OLE (coding hasn't started)

Audio Board	TonyGa(pm),BenM(dev)	sv	---
Barney2.0	BruceRy(pm)	cl:L/E	---
Excel 4.0	RebeccaS(pm),JonDe(dev)	all	6/92
GUI CBT Tools	IlgaJ(pm),Suryar(dev)	cl:L/E	---
Project 2.0	LoisO(pm)	all	12/20/91
Query Tools	Mikep(pm),LowellT(pm)	sv:L/E	6/92
Sequoia-editor	ThomasL(pm),RichardV(dev)	cl:L/E	2Q/92
Sequoia-rel browser	ThomasL(pm),RichardV(dev)	sv:L/E	2Q/92
Torque	JanM(pm)	?	4Q/92
Win Scheduler (Bandit)	MaxB(dev),DavidGr(pm)	sv:L	---

MS Products with no plan to support OLE

Barney1.0	BruceRy(pm)
WinHelp3.1	Heikkik(pm)
MacWorks3.0	CarlE(pm)
PC/Mac Flight Sim v4.0b	JonSo(pm)
SlapShot	GaryE(pm)

From viktorg Wed Jul 10 17:03:58 1991
 To: w-clairl
 Cc: cameronm
 Subject: Paul Sherer
 Date: Wed Apr 29 17:02:37 PDT 1992

Date: Wed Jul 10 17:03:49 1991

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From heikkik Thu Jul 18 18:43:41 1991
To: appsdm appspm bobmcb ledist syspm
Subject: ADL status for OLE - 7/18
Date: Wed Apr 29 17:02:52 PDT 1992

Date: Thu Jul 18 18:41:16 1991

This report was used to be sent out by HanifaW. I will maintain the list from now on. If you know somebody who should receive this report, or if the client list is not up to date, please let me know.

Thanks,
-- Heikki

PROJECT: Object Linking & Embedding (OLE)
CONTACT: Heikki Kanerva (heikkik)

OLE1.0 (Win)

-----	Current	Previous	Last Change
Date of Report	06/18/91	04/01/91	06/10/91
Spec by	done	done	10/29/90
Doc Update by	done	04/08/91	04/01/91
Schedule by	done	done	10/29/90
Beta Candidate	done	04/08/91	02/25/91
Final Beta	done	04/29/91	02/25/91
Golden	done	06/03/91	04/01/91

Previous milestones:

Release 1.0.1700 (golden) done (06/13/91)

Next milestones:

Shipment of OLE 1.0a libraries with Win 3.1 beta 2.
See detailed status below.

Changes:

None.

Summary:

OLE 1.0 Golden

OLE 1.0 is shipped with Windows SDK beta I on Jun 17, 91. Even though these components are shipped as part of the SDK beta, OLE 1.0, shell.dll and regload.exe are shippable and can be licensed by ISVs to ship with their products.

Internally, OLE document, DLLs, and sample codes can be

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found on

\\medusa\public\ole\latest and also on
\\toolsvr\tools!AppLibs\Ole\Latest

Please contact TimBr, WinSDK program manager for more
info on shell.dll and regload.exe.

OLE 1.0a

OLE 1.0a is a bug fix version of OLE 1.0 libs to be
shipped Win 3.1 beta 2. The major fixes done in OLE 1.0a
are as follows:

- + hang under 1M machine when out of memory
- + assert in OLE draw
- + OleQuerySize to return OLE_ERROR_BLANK
- + path in reg.dat, if not found strip out .exe and look
along DOS path
- + OleLock Server for Static objects gives UAE
- + OleSaveServerDoc() returning
OLE_ERROR_CANT_UPDATE_CLIENT
- + PowerPoint deleting atom #
- + OLE lib has huge code segment and uses preload

The bug fixes were completed on 7/16. The libraries are
currently being tested by the OLE testing team.

OLE 1.0 Upgrade releases after 1.0a

Upgrades releases will be planned until Win 3.1 ships.
These upgrades will include only major bug fixes.

Internal support

For Microsoft internal, email to 'olepss' for any
technical or implementation questions/issues.

OLE 1.0 spec

ole.doc in \\medusa\public\ole\latest\doc is the most
up-to-date documentation for OLE 1.0. Any errors or
inconsistencies will be corrected for the next SDK
release.

Mac OLE

OLE 1.1

OLE 2.0

Information or spec on these products can be requested
via HeikkiK.

MS OLE apps (customers)

MS Products implemented OLE

Contact
Persons

L=Linking
E=Embedding

Target
RTM

WinMail 1.21

lynnra

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Excel 3.0	RebeccaS(pm), EdF(dev)	all (DDE)	shipped
PowerPoint 2.0	LauraTi(pm), TuanN(dev)	cl:L/E (DDE)	shipped

MS Products currently implementing OLE (coding in progress)

Bullet (Win Email)	JeffW(pm)	cl:E	12/30/91
Cirrus 1.0	AdamB(pm), MarkMo(dev)	cl:L/E, sv:L	1/31/92
EmbedDraw 1.0	LauraTi(pm), TuanN(dev)	sv:E	07/16/91??
Font Effect	KarenFr(pm)	sv:L/E	09/15/91
Macword 5.0	MariaSt(pm), DavidLu(dev)	all	08/30/91
Math Equation Editor	LarryTs(pm)	sv:E	07/17/91??
NoteBook 1.0	WinkT(pm), PaulK(dev)	all	11/22/91
PowerPoint 3.0	LauraTi(pm), RickH(dev)	all	02/28/92
Sound Recorder(MMWin)	RusselJ(pm), DavidMay(dev)	sv:L/E	07/08/91??
VB(custom ctrl)	AdamR(pm), ScottFe(dev)	cl:E	09/30/91
Voodoo	KarenFr(pm), Edmar(dev)	cl:L/E	09/15/91
WinGraph 3.0	RebeccaS(pm)	sv:E (DDE)	09/15/91
MacGraph 3.0	RebeccaS(pm)	sv:E (DDE)	11/01/91
WinGraph 3.1 FE	RebeccaS(pm)	sv:E (DDE)	02/15/92
WinWord 2.0	LarryTs(pm), JayB(dev)	all	09/30/91
WinWord 1.1.J(Japan)	OsamuA(pm), YoshiM(dev)	cl:L/E	10/31/91
WinWorks 1.0 (WP)	TimWo(pm), Phaniv(dev)	cl:L/E	08/30/91
WinWorks 1.0 (SSheet)	TimWo(pm), PaulKle(dev)	sv:L/E	08/30/91
WinWorks 1.0 (Chart)	TimWo(pm), PaulKle(dev)	sv:L/E	08/30/91

MS Products planning to implement OLE (coding hasn't started)

Audio Board	TonyGa(pm), BenM(dev)	sv	---
Barney2.0	BruceRy(pm)	cl:L/E	---
Excel 4.0	RebeccaS(pm), JonDe(dev)	all	6/92
GUI CBT Tools	IlgaJ(pm), Suryar(dev)	cl:L/E	---
Project 2.0	LoisO(pm)	all	12/20/91
Query Tools	Mikep(pm), LowellT(pm)	sv:L/E	6/92
Sequoia-editor	ThomasL(pm), RichardV(dev)	cl:L/E	2Q/92
Sequoia-rel browser	ThomasL(pm), RichardV(dev)	sv:L/E	2Q/92
Torque	JanM(pm)	?	4Q/92
Win Scheduler (Bandit)	MaxB(dev), DavidGr(pm)	sv:L	---

MS Products with no plan to support OLE

Barney1.0	BruceRy(pm)
WinHelp3.1	HanifaW(pm)
MacWorks3.0	CarlE(pm)
PC/Mac Flight Sim v4.0b	JonSo(pm)
SlapShot	GaryE(pm)

From tonyw Fri Jul 19 17:33:23 1991

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WinMail 1.21

lynnra

Wed Apr 29 16:47:44 199Page: 128

To: cameronm johnmas royl
Cc: darrylr gregw jonl marjanp steveal
Subject: Re: OLE 2.0 NDA
Date: Wed Apr 29 17:03:07 PDT 1992

Date: Fri, 19 Jul 91 17:32:51 PDT

Let's not get confused.... Greg was referring to the changes to the NDA that SteveAl wanted, and which Cameron resolved today.

Tony

From lizsi Mon Aug 19 15:51:30 1991
To: cameronm viktorq
Cc: bradsi carls jonl lizsi martyta paulma richab richt w-collin
Subject: URGENT: INFO WORLD
Date: Wed Apr 29 17:03:14 PDT 1992

Date: Mon Aug 19 15:49:24 PDT 1991

This is to recap our meeting on Friday regarding whether or not to publicize the release of the OLE 2.0 specification. There are two main public relations goals that we have for OLE 2.0 at this point, since it is still a year away from use in Win NT.

First, we want to publicize at very early stages the process that Microsoft goes through in developing an "open" spec. We want to publicize the fact that we solicit feedback from third-party developers at a very early stage and work together in this months-long process to come up with a final spec that can truly be a standard that third-parties will want to support and that will benefit the industry, not just Microsoft. We want to clearly communicate the fact that no company has a benefit over any other company in this process -- everyone has the same opportunities. Secondly, we want to set the correct expectations with regard to the use of OLE 1.0 vs. OLE 2.0 and clearly communicate that OLE 2.0 will be implemented in Win NT, not the upcoming Win 3.1.

By aggressively publicizing this information, we feel that we can stem some of the negative press that we received from the OLE 1.0 scenario, where Microsoft was accused of having an applications advantage in implementing the 1.0 spec.

Rather than distributing a press release, which could prompt more questions than it answers at this point, we have decided to give an exclusive to Stuart Johnston of InfoWorld, since he has covered OLE closely (and with a reasonably balanced approach) in the past. Since we don't give exclusives, we will do this in the guise of

correcting the misinformation published by Kristi Coale regarding OLE in her July 22 feature, titled "Redrawing the Map," about the IBM/Apple alliance. This will be pitched as a story in which we would like to correct the inaccuracies of Kristi's article and explain how the whole process works, using the news of OLE 2.0 as a vehicle to get InfoWorld to write the piece.

Stuart and I have been exchanging phone messages, but he said that he would like to meet with us tomorrow, Tuesday, from 2:30 to 3:30. This is the only time that he has available tomorrow. Can the two of you rearrange your schedules to make this meeting. As soon as I am actually able to get a live Stuart on the phone, I will let you know what his feedback is with regard to this type of article.

As we talked about on Friday, this doesn't leave us much time for preparation. You both have the proposal that I put together to counter the Kristi Coale article. Much of this historical information and positioning can be used tomorrow; it just needs your finishing touches. Can we meet tomorrow morning to discuss our strategy. Is there anything else that I can help with?

I think that this approach will help us to accomplish the two goals stated above, as well as help to counter the negative ramifications from the Kristi Coale article. A news feature on OLE should have more credibility and won't appear defensive, as letters to the editor can appear. Please let me know if you have any questions or feedback.

Regards,
Liz

From christij Mon Aug 19 16:29:35 1991
To: barrym bobatk bobwy douglash edf larryts matth petergo rickh tonyw
Cc: cameronm jennipa kevine tamie viktor
Subject: FW: Agenda for OLE 2.0 Design Workshop
Date: Wed Apr 29 17:03:22 PDT 1992

Date: Mon Aug 19 16:26:45 PDT 1991

We are having this event at the Battelle Conference Center in Seattle on Thursday, Aug. 22 and Friday, Aug. 23. The meeting will begin at 9:00 on both days, continental breakfast/registration will begin at 8:15. Directions to Battelle are as follows:

Take 520 West bound to Seattle. Take the Montlake St. exit, go over the Montlake bridge, staying in the right hand lane. Husky stadium will be on your right, follow the road down. It will veer right and turns into 45th (you will now be heading East) go through 2 sets of lights. you will then come up to a 5-way intersection,

already know this stuff." People felt we were open and honest about getting feedback, but we need to make sure that we integrate the feedback and follow-up. We discussed various ways to keep in touch, including email. Lotus proposed that we use Notes to for followup, and promised to make a proposal to get Notes into everyone's hands.

As follow-up, we will transcribe the minutes of the meeting (we audiotaped this,) plus provide a summary of notes kept by TomHe and DouglasH. We'll also provide updated specs as they are available.

I can't think of much we could have done better. Thanks to the OLE and apps programmability teams for making this successful. And thanks to MarjanP to help get the people there (it was a little like pulling teeth,) and thanks to LoisG and ChristiJ for putting this in a great setting.

thx, viktor

From heikkik Wed Aug 28 16:18:45 1991
To: appsdm appspm ledist ole2dist syspm
Subject: ADL status for OLE - 8/28
Date: Wed Apr 29 17:03:51 PDT 1992

Date: Wed Aug 28 16:09:37 1991

PROJECT: Object Linking & Embedding (OLE)
CONTACT: Heikki Kanerva (heikkik)

OLE1.0 (Win)

-----	Current	Previous	Last Change
Date of Report	08/28/91	07/18/91	07/18/91
Spec by	done	done	10/29/90
Doc Update by	done	04/08/91	04/01/91
Schedule by	done	done	10/29/90
Beta Candidate	done	04/08/91	02/25/91
Final Beta	done	04/29/91	02/25/91
Golden	done	06/03/91	04/01/91
Update for Win Beta2	done	8/22/91	

Previous milestones:

Release 1.0.1700 (golden) done (06/13/91)

Next milestones:

Shipment of OLE 1.02 libraries with Win 3.1 beta 2.
done (8/22/91)

See detailed status below.

Changes:

None.

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Summary:

OLE 1.0 Golden

OLE 1.0 is shipped with Windows SDK beta I on Jun 17, 91. Even though these components are shipped as part of the SDK beta, OLE 1.0, shell.dll and regload.exe are shippable and can be licensed by ISVs to ship with their products.

Internally, OLE document, DLLs, and sample codes can be found on

\\medusa\public\ole\latest and also on
\\toolsvr\tools\AppLibs\Ole\Latest

Please contact TimBr, WinSDK program manager for more info on shell.dll and regload.exe.

OLE 1.02

OLE 1.02 is a bug fix version of OLE 1.0 libs to be shipped Win 3.1 beta 2. Detailed discussion of bug fixes in OLE 1.02 libs can be found in Win 3.1 bug database.

OLE 1.0 Upgrade releases after 1.02

Upgrades releases will be planned until Win 3.1 ships. These upgrades will include only major bug fixes.

Internal support

For Microsoft internal, email to 'olepss' for any technical or implementation questions/issues.

OLE 1.0 spec

ole.doc in \\medusa\public\ole\latest\doc is the most up-to-date documentation for OLE 1.0. Any errors or inconsistencies will be corrected for the next SDK release.

Mac OLE

Beta 10/22/91
Ship Dec 91

OLE 1.1

OLE 1.0 enhancements for PenWindows.

OLE 2.0

Information or spec on OLE 2.0 can be requested via Heikkik.

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MS OLE apps (customers)

MS Products implemented OLE	Contact Persons	L=Linking E=Embedding	Target RTM
Excel 3.0	RebeccaS(pm), EdF(dev)	all (DDE)	shipped
PowerPoint 2.0	LauraTi(pm), TuanN(dev)	cl:L/E (DDE)	shipped

MS Products currently implementing OLE (coding in progress)

Bullet (Win Email)	JeffW(pm)	cl:E	1/30/92
Cirrus 1.0	AdamB(pm), MarkMo(dev)	cl:L/E, sv:L	1/31/92
EmbedDraw 1.0	LauraTi(pm), TuanN(dev)	sv:E	07/16/91??
EmbedDraw 1.1 (Japan)	KatzutK(pm), KatsuN(dev)	sv:E	09/30/91
Font Effect	KarenFr(pm)	sv:L/E	09/15/91
Macword 5.0	MariaSt(pm), DavidLu(dev)	all	08/30/91
Math Equation Editor	LarryTs(pm)	sv:E	07/17/91??
NoteBook 1.0	WinkT(pm), PaulK(dev)	all	11/22/91
PowerPoint 3.0	LauraTi(pm), RickH(dev)	all	02/28/92
Sound Recorder (MMWin)	RussellJ(pm), DavidMay(dev)	sv:L/E	07/08/91??
VB(custom ctrl)	AdamR(pm), ScottFe(dev)	cl:E	09/30/91
Voodoo	KarenFr(pm), Edmar(dev)	cl:L/E	09/15/91
WinGraph 3.0	RebeccaS(pm)	sv:E (DDE)	09/15/91
MacGraph 3.0	RebeccaS(pm)	sv:E (DDE)	11/01/91
WinGraph 3.1 FE	RebeccaS(pm)	sv:E (DDE)	02/15/92
WinWord 2.0	LarryTs(pm), JayB(dev)	all	09/30/91
WinWord 1.2.J (Japan)	OsamuA(pm), YoshiM(dev)	cl:L/E	10/31/91
WinWorks 1.0 (WP)	TimWo(pm), Phaniv(dev)	cl:L/E	08/30/91
WinWorks 1.0 (SSheet)	TimWo(pm), PaulKle(dev)	sv:L/E	08/30/91
WinWorks 1.0 (Chart)	TimWo(pm), PaulKle(dev)	sv:L/E	08/30/91

MS Products planning to implement OLE (coding hasn't started)

Audio Board (Foghorn)	TonyGa(pm), BenM(dev)	sv	---
Barney2.0	BruceRy(pm)	cl:L/E	---
Excel 4.0	RebeccaS(pm), JonDe(dev)	all	6/92
GUI CBT Tools	IlgaJ(pm), Suryar(dev)	cl:L/E	---
Project 2.0	LoisO(pm)	all	12/20/91
Gunsmoke (MMVi			
Query Tools	Mikep(pm), LowellT(pm)	sv:L/E	6/92
Sequoia-editor	ThomasL(pm), RichardV(dev)	cl:L/E	2Q/92
Sequoia-rel browser	ThomasL(pm), RichardV(dev)	sv:L/E	2Q/92
Torque	JanM(pm)	?	4Q/92
Win Scheduler (Bandit)	MaxB(dev), DavidGr(pm)	sv:L	
MMViewer 2.0 (Gunsmoke)	MFrame(pm), JohnMS(dev)	cl:L/E	Q1/92
VisualBasic 2.0 (OLE 1.0)	AdamR(pm), ScottFe(dev)	cl/sv L/E	TBD

MS Products with no plan to support OLE

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Barney1.0	BruceRy (pm)
WinHelp3.1	LeoN (pm)
MacWorks3.0	CarleE (pm)
PC/Mac Flight Sim v4.0b	JonSo (pm)
SlapShot	GaryE (pm)

Non-MS products that shipped with OLE

Charisma 2.1
AmiPro (September)

From jonl Thu Aug 29 18:21:41 1991
To: cameronm viktorg
Subject: Dave Winer @ OLE Mtg
Date: Wed Apr 29 17:04:13 PDT 1992

Date: Thu Aug 29 18:21:07 1991

Spoke with Dave he was very complimentary about the meeting
and the whole experience. Thanks Viktor!!

He brought up (again) the Mac issues. Do you guys think it
wopuld make any sense to use him to 'productize' the work
that Apps will do to put OLE on the Mac???

From heikkik Tue Sep 24 16:40:56 1991
To: appspdm appspm ledist ole2dist syspm
Subject: OLE ADL 9/24
Date: Wed Apr 29 17:04:13 PDT 1992

Date: Tue Sep 24 16:32:38 1991

PROJECT: Object Linking & Embedding (OLE)
CONTACT: Heikki Kanerva (heikkik)

OLE1.0 (Win)

	Current	Previous	Last Change
Date of Report	09/24/91	08/28/91	08/28/91
Spec by	done	done	10/29/90
Doc Update by	done	04/08/91	04/01/91
Schedule by	done	done	10/29/90
Beta Candidate	done	04/08/91	02/25/91
Final Beta	done	04/29/91	02/25/91
Golden	done	06/03/91	04/01/91
Update for Win Beta2	done	8/22/91	
Update for Win Beta3	TBD		

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WinMail 1.21

lynnra

Wed Apr 29 16:47:44 1992

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